



RF/Microwave Coaxial Connectors Cables and Cable Assemblies



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Cable Preparation Styles

Fig. S1

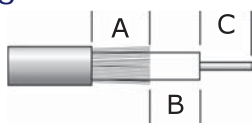


Fig. S2

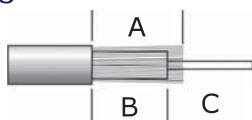


Fig. S3

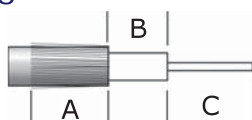
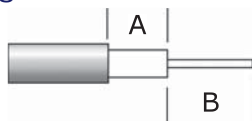


Fig. S4



Reference	Fig.	A	B	C
S1/011	S1	8.0mm	6.0mm	3.0mm
S1/012	S1	12.0mm	3.0mm	3.0mm
S1/013	S1	9.0mm	0mm	4.0mm
S1/014	S1	8.0mm	8.0mm	3.0mm
S1/015	S1	8.0mm	7.0mm	3.0mm
S1/016	S1	10.0mm	6.0mm	3.0mm
S1/017	S1	8.0mm	3.0mm	3.0mm
S1/018	S1	8.0mm	4.0mm	4.0mm
S1/020	S1	5.0mm	1.0mm	8.0mm
S1/021	S1	5.0mm	1.0mm	10.0mm
S1/023	S1	8.0mm	4.5mm	3.5mm
S1/024	S1	9.0mm	6.0mm	3.0mm
S1/029	S1	5.0mm	0.5mm	3.0mm
S1/031	S1	7.0mm	2.0mm	2.0mm
S1/032	S1	9.0mm	1.0mm	3.0mm
S1/033	S1	8.0mm	4.0mm	3.0mm
S1/035	S1	8.0mm	5.0mm	3.0mm
S1/036	S1	8.0mm	2.0mm	2.0mm
S1/037	S1	5.0mm	3.0mm	2.5mm
S1/038	S1	5.0mm	2.0mm	2.0mm
S1/040	S1	5.0mm	5.5mm	2.3mm
S1/041	S1	5.0mm	1.0mm	1.5mm
S1/042	S1	5.0mm	1.5mm	1.5mm
S1/043	S1	10.0mm	1.0mm	4.0mm
S1/044	S1	8.0mm	3.0mm	4.0mm
S1/045	S1	12.0mm	1.0mm	3.0mm
S1/046	S1	10.0mm	5.0mm	5.0mm
S1/047	S1	12.0mm	1.0mm	3.0mm
S1/048	S1	9.0mm	9.0mm	3.0mm
S1/049	S1	9.0mm	2.0mm	4.0mm
S1/050	S1	11.0mm	2.0mm	3.0mm
S1/051	S1	9.0mm	2.0mm	3.0mm
S1/052	S1	8.0mm	8.0mm	4.0mm
S1/053	S1	13.0mm	1.0mm	3.0mm
S1/054	S1	8.0mm	2.0mm	4.0mm
S1/055	S1	6.0mm	1.0mm	3.0mm
S1/056	S1	7.0mm	2.5mm	2.5mm
S1/057	S1	6.5mm	5.0mm	1.5mm
S1/058	S1	7.5mm	4.5mm	1.5mm
S1/059	S1	5.0mm	3.5mm	2.5mm
S1/060	S1	4.5mm	4.0mm	1.5mm
S1/062	S1	5.0mm	2.5mm	2.5mm
S1/063	S1	4.5mm	4.0mm	1.5mm
S1/064	S1	5.0mm	3.5mm	2.5mm
S1/065	S1	8.0mm	9.0mm	4.5mm
S1/066	S1	8.0mm	3.0mm	2.0mm
S1/067	S1	5.0mm	3.5mm	2.5mm

Reference	Fig.	A	B	C
S1/068	S1	5.0mm	4.0mm	2.0mm
S1/069	S1	9.0mm	5.0mm	8.0mm
S1/070	S1	10.0mm	8.0mm	4.0mm
S1/071	S1	8.0mm	2.0mm	3.0mm
S1/072	S1	7.0mm	3.0mm	2.0mm
S1/073	S1	8.0mm	2.5mm	3.0mm
S1/074	S1	6.0mm	2.5mm	2.5mm
S1/075	S1	8.0mm	2.5mm	2.5mm
S1/076	S1	5.5mm	6.0mm	3.0mm
S1/077	S1	6.0mm	2.5mm	1.5mm
S1/078	S1	4.5mm	2.5mm	1.5mm
S1/079	S1	9.0mm	4.0mm	4.0mm
S1/080	S1	5.0mm	4.0mm	2.5mm
S1/081	S1	8.0mm	5.0mm	4.0mm
S1/082	S1	7.0mm	2.0mm	3.0mm
S1/083	S1	7.5mm	0mm	3.5mm
S1/084	S1	8.0mm	2.0mm	2.5mm
S1/085	S1	8.0mm	3.5mm	4.5mm
S1/086	S1	7.5mm	3.5mm	3.5mm
S1/087	S1	6.0mm	2.5mm	2.5mm
S1/088	S1	8.0mm	8.0mm	15mm
S1/089	S1	8.0mm	2.0mm	18mm
S1/090	S1	7.5mm	2.5mm	2.5mm
S1/091	S1	7.0mm	7.0mm	3.0mm
S1/092	S1	7.0mm	2.0mm	4.0mm
S1/093	S1	5.0mm	2.5mm	2.0mm
S1/094	S1	8.0mm	3.0mm	2.5mm
S1/095	S1	7.5mm	7.0mm	4.3mm
S1/096	S1	8.0mm	5.0mm	4.5mm
S1/097	S1	6.0mm	5.0mm	4.0mm

Reference	Fig.	A	B	C
S2/018	S2	8.0mm	5.0mm	3.0mm
S2/019	S2	10.0mm	5.5mm	4.5mm
S2/025	S2	9.0mm	5.0mm	4.0mm
S2/026	S2	5.0mm	2.0mm	3.0mm
S2/027	S2	8.0mm	4.0mm	4.0mm
S2/036	S2	12.0mm	8.0mm	4.0mm
S2/037	S2	7.0mm	2.0mm	4.0mm
S2/038	S2	9.0mm	2.0mm	5.5mm
S2/039	S2	8.0mm	3.0mm	5.0mm

S3/022	S3	9.0mm	5.0mm	6.0mm
S3/024	S3	8.0mm	5.0mm	7.0mm
S3/025	S3	10.0mm	1.0mm	4.0mm
S3/026	S3	5.0mm	5.0mm	5.0mm
S3/027	S3	9.0mm	4.0mm	8.0mm
S3/028	S3	5.0mm	5.0mm	7.0mm
S3/030	S3	8.0mm	5.0mm	5.0mm

S4/001	S4	0mm	3.0mm	N/A
S4/003	S4	0mm	2.5mm	N/A
S4/004	S4	1.7mm	2.5mm	N/A
S4/005	S4	0.7mm	2.8mm	N/A
S4/006	S4	0mm	3.5mm	N/A
S4/007	S4	0mm	2.3mm	N/A
S4/008	S4	0.8mm	2.3mm	N/A
S4/009	S4	3.0mm	2.5mm	N/A

Strip Dimensions

Note the Strip Dimensions reference (Strip Dims.) listed against the connector of your choice and use the reference tables in this section to locate the appropriate cable preparation style and strip dimensions.

Refer to pages 4 and 5 for crimp hex sizes and tooling where appropriate.

Crimp Hex Sizes

Reference	Ferrule Cavity Size	Contact Cavity Size	Recommended Crimp Tools)
H1	3.25mm	0.72mm Sq.	GCT-D316, PCC0308
H1A	3.25mm	Solder	GCT-D316, PCC0308
H1T	3.25mm	1.0mm Sq. or circular indent	PCC5310 - Pliers 6A + DMC MH800
H2	4.52mm	1.69mm Hex.	DCC0908
H2A	4.52mm	Solder	DCC0908
H2T	4.52mm	1.0mm Sq. or circular indent	PCC5310 - Pliers 6A + DMC MH800
H3	5.41mm	1.69mm	DCC1113, GCT-0058
H3A	5.41mm	Solder	DCC1113, GCT-0058
H4	6.48mm	1.69mm	DCC1113, GCT-0058, GCT-0100
H4A	6.48mm	Solder	DCC1113, GCT-0058, GCT-0100
H5	8.23mm	1.69mm	GCT-0100
H5A	8.23mm	Solder	GCT-0100
H5F	8.23mm	N/A	GCT-0100
H6	10.90mm	2.54mm	CCC2511, GCT-0213
H6A	10.90mm	Solder	CCC2511, GCT-0213
H6B	10.90mm	N/A	CCC2511, GCT-0213
H7	4.52mm	1.46mm	PCC5310 - Pliers 6A
H7A	4.52mm	Solder	DCC0908
H8	3.83mm	0.72mm Sq.	GCT-D316
H8A	3.83mm	Solder	GCT-D316
H8T	3.83mm	1.0mm Sq. or circular indent	PCC5310 - Pliers 6A + DMC MH800
H9	9.14mm	N/A	GCT-0100
H10	11.40mm	N/A	GCT-0059-NR
H12	10.90mm	2.95mm	GCT-0519
H12A	10.90mm	Solder	CCC2511, GCT-0213
H13	5.18mm	1.46mm	PCC5310 - Pliers 6A
H13A	5.18mm	Solder	PCC5310 - Pliers 6A
H13T	5.18mm	1.0mm Sq. or circular indent	BT Pliers 6A + DMC MH800
H14	6.81mm	1.46mm	PCC5310 - Pliers 6A
H14A	6.81mm	Solder	PCC5310 - Pliers 6A
H14B	6.81mm or 6.65mm	1.69mm	GCT-0100
H14T	6.81mm	1.0mm Sq. or circular indent	PCC5310 - Pliers 6A + DMC MH800
H15	2.67mm	0.72mm Sq.	PCC0308
H15A	2.67mm	Solder	PCC0308
H16	8.0mm	1.69mm	GCT-1694
H16A	8.0mm	Solder	GCT-1694
H17	8.23mm	1.46mm	PCC5310 - Pliers 6A

Crimp hex. sizes are listed against each cable fixing connector in the catalogue. Locate your chosen connector and use the crimp hex. reference to identify the appropriate cavity sizes and recommended tool(s). Note that not all recommended crimp tool types listed in the above cross reference chart are necessarily stocked or available from Gigatronix. Please see the adjacent table for available tools.

Crimp Tooling



FIG.1



FIG.2



FIG.3



FIG.4



FIG.5



FIG.6

Cavity sizes are in mm A/F

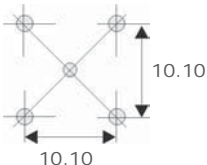
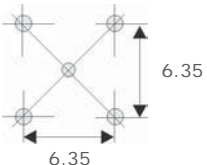
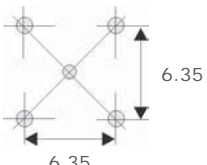
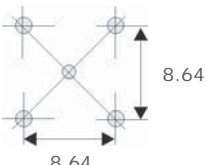
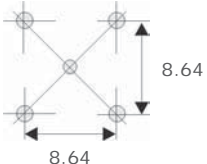
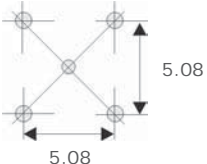
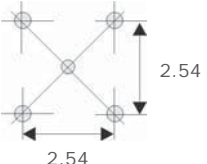
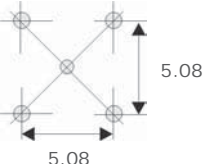
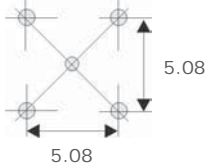
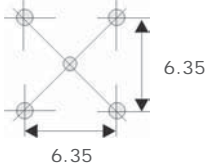
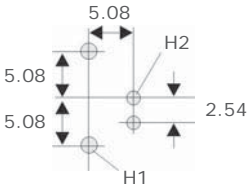
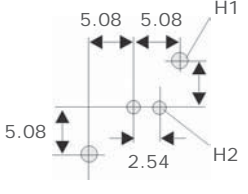
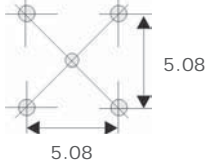
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CCC2511		●	●						●						●		1
DCC0908		●				●		●									2
DCC1113		●							●	●							2
GCT-0058		●							●	●							3
GCT-0059-NR									●				●			●	4
GCT-0100		●									●		●	●			6
GCT-0213			●												●		6
GCT-D316	●		●			●	●										6
GCT-0519					●										●		6
PCC0308	●			●		●											5
GCT-1694		●							●	●		●					6

Panel Cut-outs - All dimensions are in mm

PC1	PC2	PC3	PC4
PC5	PC6	PC7	PC8
PC9	PC10	PC11	PC12
		 <i>Panel Holes: 4 x 3.20, 1 x 12.00</i>	 <i>Panel Holes: 2 x 3.20, 1 x 16.10</i>
PC13	PC14		
 <i>Panel Holes: 4 x 2.60, 1 x 6.50</i>	 <i>Panel Holes: 2 x 2.60, 1 x 6.50</i>		

PCB and Panel Mount references are published against appropriate connector listings in the catalogue. Locate your chosen connector and use the panel and/or PCB reference(s) to identify the associated information in this section.

PCB Layouts - All dimensions are in mm

FP1	FP2	FP3	FP4
 <p>PCB Holes: 4 x 1.30, 1 x 1.10</p>	 <p>PCB Holes: 4 x 1.40, 1 x 1.10</p>	 <p>PCB Holes: 4 x 1.80, 1 x 1.30</p>	 <p>PCB Holes: 5 x 2.35</p>
FP5	FP6	FP7	FP8
 <p>PCB Holes: 4 x 2.35, 1 x 1.00</p>	 <p>PCB Holes: 4 x 1.70, 1 x 1.20</p>	 <p>PCB Holes: 5 x 0.80</p>	 <p>PCB Holes: 4 x 1.50, 1 x 1.40</p>
FP9	FP10	FP11	FP12
 <p>PCB Holes: 4 x 1.50, 1 x 1.20</p>	 <p>PCB Holes: 4 x 1.80, 1 x 1.00</p>	 <p>H1 = 2 x 2.10, H2 = 2 x 0.90</p>	 <p>H1 = 2 x 2.10, H2 = 2 x 0.90</p>
FP13			
 <p>PCB Holes: 5 x 1.30</p>			

PCB and Panel Mount references are published against appropriate connector listings in the catalogue. Locate your chosen connector and use the panel and/or PCB reference(s) to identify the associated information in this section.

BNC Plug (Male)

BNC Jack (Female)



ELECTRICAL		
Impedance	50 ohms	75 ohms
Maximum Interface Frequency	DC to 4GHz	DC to 1GHz
VSWR: Straight / Right Angle	1.3 Maximum / 1.5 Maximum	1.3 Maximum / 1.5 Maximum
Insertion Loss	0.25dB Maximum at 4GHz	0.2dB Maximum at 1GHz
RF Leakage	-55 dB Minimum	-55 dB Minimum
Insulation Resistance	5000 Megaohms Minimum	5000 Megaohms Minimum
Inner Contact Resistance	3 milliohms Maximum	3 milliohms Maximum
Outer Contact Resistance	2 milliohms Maximum	2 milliohms Maximum
Working Voltage	500 Volts RMS Maximum	500 Volts RMS Maximum
Dielectric Withstanding Voltage	1500 Volts RMS Maximum	1500V RMS Maximum

MECHANICAL & ENVIRONMENTAL		
Durability	500 mating cycles	500 mating cycles
Cable Retention	Equal to cable breaking strain	Equal to cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C	PTFE: -65 to +165 degrees C
	Delrin: -55 to +85 degrees C	Delrin: -55 to +85 degrees C

MATERIALS		
Bodies	Brass, Nickel Plated	Brass, Nickel Plated
Pins	Brass, Gold Plated	Brass, Gold Plated
Contacts	Phosphor Bronze, Gold Plated	Phosphor Bronze, Gold Plated
Ferrules	Brass, Nickel Plated	Brass, Nickel Plated
Insulators	PTFE or Delrin	PTFE or Delrin
End Caps	Brass, Nickel Plated	Brass, Nickel Plated
Gaskets	Silicon Rubber	Silicon Rubber
Springs	Steel, Nickel Plated	Steel, Nickel Plated
Panel Nuts	Brass, Nickel Plated	Brass, Nickel Plated
Panel Washers	Brass or Steel, Nickel Plated	Brass or Steel, Nickel Plated

Where applicable all products are manufactured in accordance with MIL-C-39012. Published specifications are typical although variations will occur. For further information consult our web site at www.gigatronix.com or contact a member of our technical sales team. Technical datasheets are available on request.

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Crimp Plug

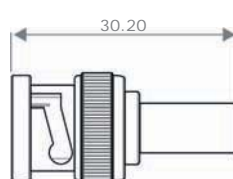


FIG.1

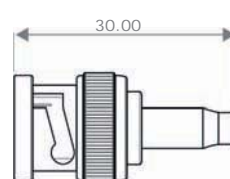


FIG.2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Fig.
BN15-1505-C06 ⁴	Belden 1426, Belden 1505	S1/081	H4	75 ohms	1
BN15-1694-C06 ⁴	Belden 1694	S1/081	H14B	75 ohms	1
BN15-8281-C06 ⁴	Belden 8281	S1/011	H5	75 ohms	1
BN15-2002-C06-2	BT2002	S1/081	H13	75 ohms	1
BN15-2003-C06-2	BT2003	S1/081	H14	75 ohms	1
BN15-3002-C06-2	BT3002, TZC75024	S1/081	H7	75 ohms	1
BN15-0100-C06	CT100, H109	S1/081	H4	75 ohms	1
BN15-0125-C06	CT125	S1/081	H5	75 ohms	1
BN15-3002-C06-1	Flex-3/75	S1/081	H2	75 ohms	1
BN15-0005-C06	Flex-5/75	S1/081	H3	75 ohms	1
BN15-0016-C06 ⁴	Image 360, SDV (Serial Digital Video)	S1/081	H3	75 ohms	1
BN15-L200-C06	LMR200	S1/081	H3A	50 ohms	1
BN15-L240-C06	LMR240, LBC240	S1/081	H4	50 ohms	1
BN15-M059-C06 ³	Mini RG59	S1/081	H2	75 ohms	1
BN15-0012-C06 ⁴	PSF1/2	S1/081	H5	75 ohms	1
BN15-0013-C06	PSF1/3	S1/081	H4	75 ohms	1
BN15-7000-C06-2	RA7000	S1/081	H13	75 ohms	1
BN15-3002-C06 ⁴	RD179	S1/081	H2	75 ohms	1
BN15-D316-C06	RD316, RG316DS	S1/081	H2	50 ohms	1
BN15-0400-C06	RG142, RG223, RG400	S1/081	H3	50 ohms	1
BN15-0223-C06 ¹	RG142, RG223, RG400	S1/081	H3	50 ohms	1
BN15-0174-C06	RG174, RG188, RG316, LBC100	S1/081	H2	50 ohms	2
BN15-0179-C06 ⁴	RG179, RG187, Flex-2/75	S1/081	H2	75 ohms	2
BN15-0058-C06	RG58, URM43, LMR195, LBC195	S1/081	H3	50 ohms	1
BN15-0058-C06-2 ¹	RG58, URM43, LMR195, LBC195	S1/081	H3	50 ohms	1
BN15-QS59-C06	RG59 Quad Shield	S1/081	H4	75 ohms	1
BN15-0059-C06 ⁴	RG59, URM70	S1/081	H4	75 ohms	1
BN15-0059-C06-3 ²	RG59, URM70	S1/044	H4	75 ohms	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

¹ PTFE Dielectric version recommended for PTFE/FEP cables.

² Die-cast Zinc Alloy Body and Coupling Nut.

³ Mini RG59 cables can vary in mechanical specification between manufacturers therefore it is advisable to contact our technical support team who will advise the correct part number for your chosen cable.

⁴ See also BNC P75Z series (precision 3GHz) on page 26 for high performance versions.

Refer to BNC P75Z series for Precision 75 ohm BNC Connectors suitable for digital video applications up to 3GHz.

Crimp Plug

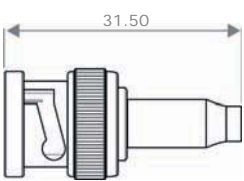


FIG.1

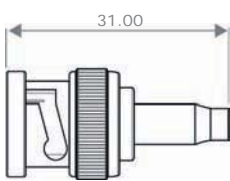


FIG.2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Fig.
BN15-8000-C06-2	RA8000	S1/081	H7	75 ohms	2
BN15-0017-C06-1	PSF1/7	S1/012	H3	75 ohms	1
BN15-0174-C06-1	RG174, RG188, RG316, LBC100	S1/012	H3	50 ohms	1
BN15-0179-C06-1	RG179, RG187, RG179PE	S1/012	H3	75 ohms	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Plug

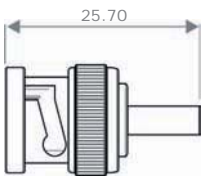


FIG.1

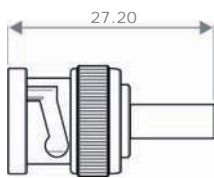
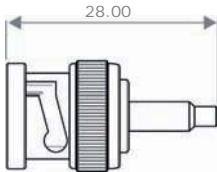


FIG.2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Fig.
BN15-3161-C06	RG174, RG188, RG316	S1/084	H1	50 ohms	1
BN15-3162-C06	RD316, RG316DS	S1/084	H8	50 ohms	2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

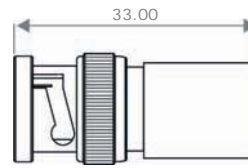
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
BN15-0178-C06	RG178, RG196	S1/090	H1	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

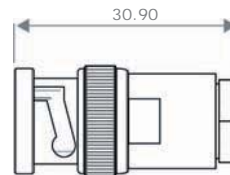
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
BN15-0011-C06	RG11	S1/013	H6	75 ohms
BN15-0213-C06	RG213	S1/013	H6	50 ohms
BN15-0214-C06	RG214	S1/013	H6	50 ohms
BN15-0519-C06	LMR400, LBC400, Belden 9913	S1/013	H12	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

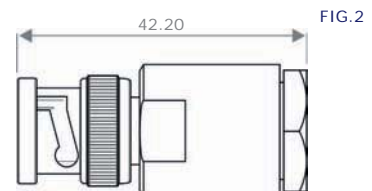
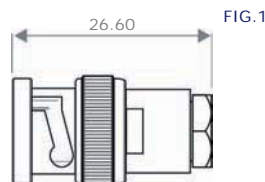
Clamp Plug - Compression Fixing



Part Number	Cable Type	Strip Dims.	Impedance
BN15-0174-L06-2	RG174, 188, 316, RD316, LBC100	S2/037	50 ohms
BN15-0223-L06-2	RG58, 142, 223, 400, LBC195, URM43	S2/038	50 ohms

Refer to pages 2-3 for strip dimensions.

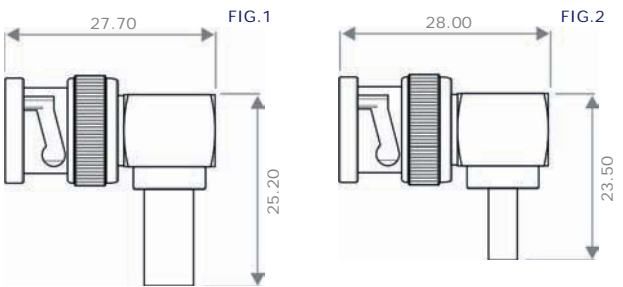
Clamp Plug - Taper Fixing



Part Number	Cable Type	Strip Dims.	Impedance	Fig.
BN15-0174-L06	RG174, RG316	S2/036	50 ohms	1
BN15-0179-L06	RG179, RG187, RG179PE	S2/036	50 ohms	1
BN15-0058-L06	RG58, URM43	S2/018	50 ohms	1
BN15-0059-L06	RG59, URM70	S2/018	75 ohms	1
BN15-0213-L06	RG213	S2/019	50 ohms	2
BN15-0214-L06	RG214	S2/019	50 ohms	2

Refer to pages 2-3 for strip dimensions.

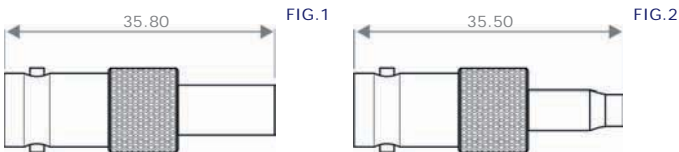
Crimp Right Angle Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Fig.
BN17-D316-C06	RD316, RG316DS	S1/035	H8A	50 ohms	2
BN17-0400-C06	RG142, RG223, RG400	S1/014	H3A	50 ohms	1
BN17-0174-C06	RG174, RG188, RG316, LBC100	S1/035	H1A	50 ohms	2
BN17-0179-C06	RG179, RG187, RG179PE	S1/035	H1A	75 ohms	2
BN17-0058-C06	RG58, URM43, LBC195	S1/014	H3A	50 ohms	1
BN17-0059-C06	RG59, URM70	S1/014	H4A	75 ohms	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

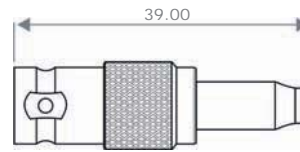
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Fig.
BN10-0016-C06	Image 360, SDV	S1/017	H3	75 ohms	1
BN10-0013-C06	PSF1/3	S1/017	H4	75 ohms	1
BN10-3002-C06	RD179	S1/017	H2	75 ohms	1
BN10-3002-C06-2	BT3002, TZC75024	S1/017	H7	75 ohms	1
BN10-D316-C06	RD316, RG316DS	S1/017	H2	50 ohms	1
BN10-0400-C06	RG142, RG223, RG400	S1/017	H3	50 ohms	1
BN10-0174-C06	RG174, RG188, RG316, LBC100	S1/017	H2	50 ohms	2
BN10-0179-C06	RG179, RG187	S1/017	H2	75 ohms	2
BN10-0058-C06	RG58, URM43, LBC195	S1/017	H3	50 ohms	1
BN10-0059-C06	RG59, URM70	S1/017	H4	75 ohms	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

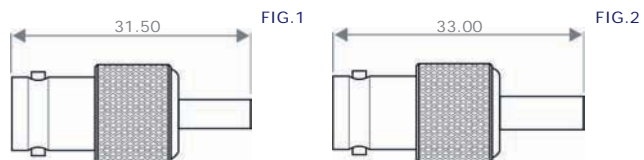
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
BN10-0017-C06-1	PSF1/3	S1/024	H3	75 ohms
BN10-0174-C06-1	RG174, RG188, RG316, LBC100	S1/024	H3	50 ohms
BN10-0179-C06-1	RG179, RG187, RG179PE	S1/024	H3	75 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

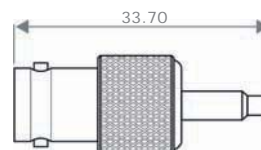
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Fig.
BN10-3162-C06	RD316, RG316DS	S1/084	H8	50 ohms	2
BN10-3161-C06	RG174, RG188, RG316, LBC100	S1/084	H1	50 ohms	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

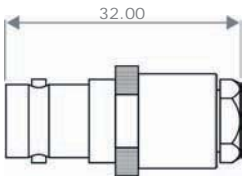
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
BN10-0178-C06	RG178, RG196	S1/084	H1	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

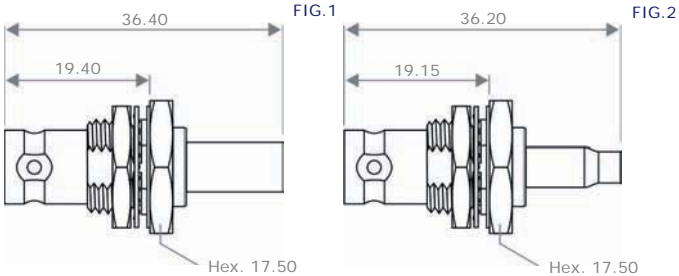
Clamp Jack - Compression Fixing



Part Number	Cable Type	Strip Dims.	Impedance
BN10-0174-L06-2	RG174, RG188, RG316, RD316, RG316DS, LBC100	S2/037	50 ohms
BN10-0223-L06-2	RG58, RG142, RG223, RG400, URM43, LBC195	S2/038	50 ohms

Refer to pages 2-3 for strip dimensions.

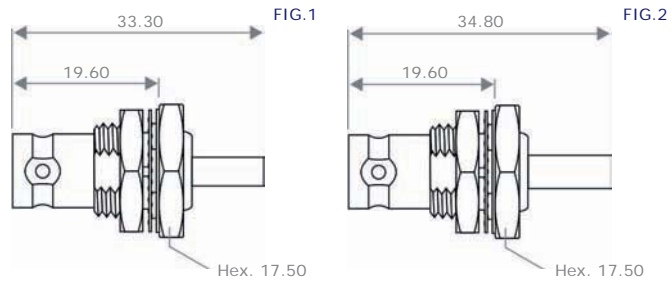
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance	Fig.
BN02-0016-C06	Image 360, SDV	S1/011	H3	PC1	75 ohms	1
BN02-0013-C06	PSF1/3	S1/011	H4	PC1	75 ohms	1
BN02-3002-C06-2	BT3002, TZC75024	S1/011	H7	PC1	75 ohms	1
BN02-3002-C06	RD179	S1/011	H2	PC1	75 ohms	1
BN02-D316-C06	RD316, RG316DS	S1/011	H2	PC1	50 ohms	1
BN02-0400-C06	RG142, RG223, RG400	S1/011	H3	PC1	50 ohms	1
BN02-0174-C06	RG174, RG188, RG316, LBC100	S1/011	H2	PC1	50 ohms	2
BN02-0179-C06	RG179, RG187	S1/011	H2	PC1	75 ohms	2
BN02-0058-C06	RG58, URM43, LBC195	S1/011	H3	PC1	50 ohms	1
BN02-0059-C06	RG59, URM70	S1/011	H4	PC1	75 ohms	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

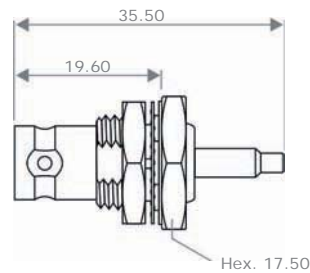
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance	Fig.
BN02-3161-C06-31	RG174, 188, 316, LBC100	S1/090	H1	PC1	50 ohms	1
BN02-3162-C06-31	RD316, RG316DS	S1/090	H8	PC1	50 ohms	2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

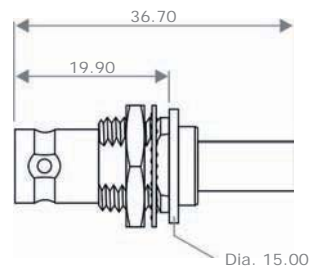
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance
BN02-0178-C06-31	RG178, RG196	S1/090	H1	PC1	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

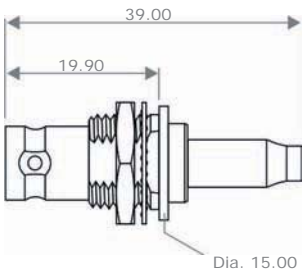
Crimp Bulkhead Jack - Circular Flange



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance
BN02-0058-C06-2	RG58, URM43, LBC195	S1/011	H3	PC1	50 ohms
BN02-0400-C06-2	RG142, RG223, RG400	S1/011	H3	PC1	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

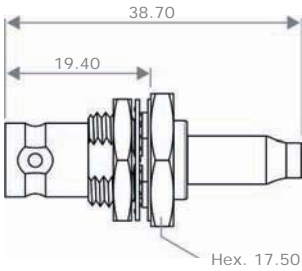
Crimp Bulkhead Jack - Circular Flange



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance
BN02-0017-C06-1	PSF1/7	S1/024	H3	PC1	75 ohms
BN02-0174-C06-1	RG174, RG316, RG188, LBC100	S1/024	H3	PC1	50 ohms
BN02-0179-C06-1	RG179, RG187, RG179PE	S1/024	H3	PC1	75 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

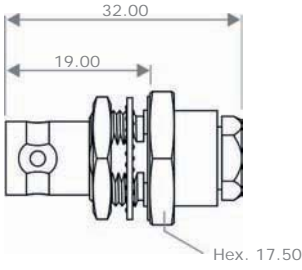
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance
BN02-0017-C06-7	PSF1/7	S1/012	H3	PC1	75 ohms
BN02-0174-C06-7	RG174, RG316, RG188, LBC100	S1/012	H3	PC1	50 ohms
BN02-0179-C06-7	RG179, RG187, RG179PE	S1/012	H3	PC1	75 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

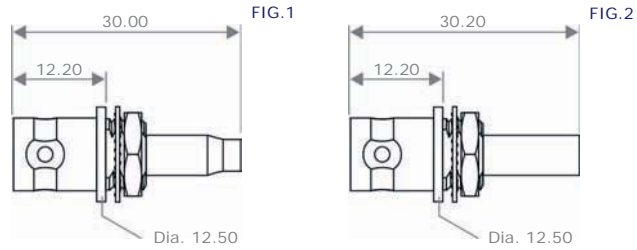
Clamp Bulkhead Jack - Compression Fixing



Part Number	Cable Type	Strip Dims.	Panel Cut	Impedance
BN02-0174-L06-2	RG174, RG188, RG316, RD316, RG316DS, LBC100	S2/037	PC1	50 ohms
BN02-0223-L06-2	RG58, RG142, RG223, RG400, URM43, LBC195	S2/038	PC1	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 6-7 for panel cut-outs.

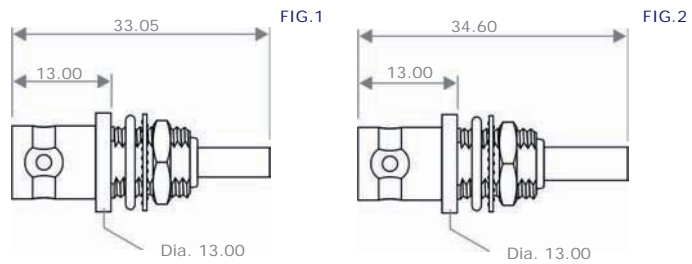
Crimp Panel Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance	Fig.
BN62-3002-C06	BT3002, RD179	S1/017	H2	PC2	75 ohms	2
BN62-D316-C06	RD316, RG316DS	S1/017	H2	PC2	50 ohms	2
BN62-0174-C06	RG174, RG316, RG188, LBC100	S1/017	H2	PC2	50 ohms	1
BN62-0179-C06	RG179, RG187, RG179PE	S1/017	H2	PC2	75 ohms	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

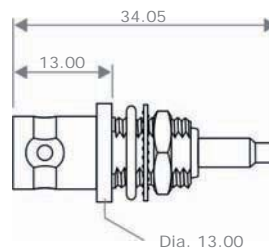
Crimp Panel Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance	Fig.
BN62-1792-C06	RD179	S1/090	H8	PC2	75 ohms	2
BN62-3162-C06	RD316, RG316DS	S1/090	H8	PC2	50 ohms	2
BN62-3161-C06	RG174, RG316, RG188, LBC100	S1/090	H1	PC2	50 ohms	1
BN62-1791-C06	RG179, RG187, RG179PE	S1/090	H1	PC2	75 ohms	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.


Crimp Panel Jack

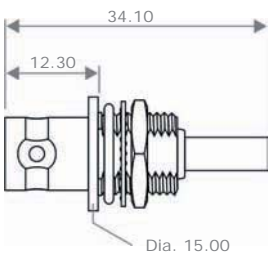
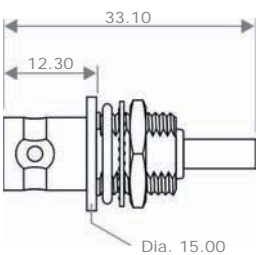


Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance
BN62-0178-C06	RG178, RG196	S1/090	H1	PC2	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

Crimp Panel Jack




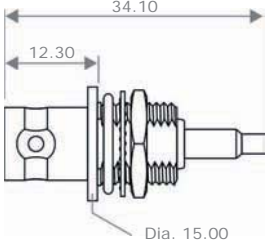


Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance	Fig.
BN62-1792-C06-77	RD179	S1/090	H8	PC3	75 ohms	2
BN62-3162-C06-77	RD316, RG316DS	S1/090	H8	PC3	50 ohms	2
BN62-3161-C06-77	RG174, RG316, RG188, LBC100	S1/090	H1	PC3	50 ohms	1
BN62-1791-C06-77	RG179, RG187, RG179PE	S1/090	H1	PC3	75 ohms	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

Crimp Panel Jack




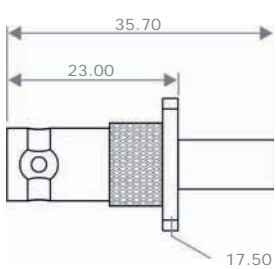
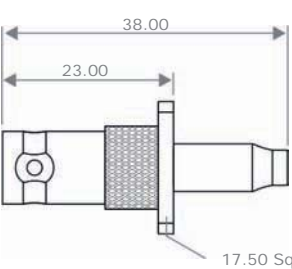


Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance
BN62-0178-C06-77	RG178, RG196	S1/090	H1	PC3	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

Crimp Flange Jack

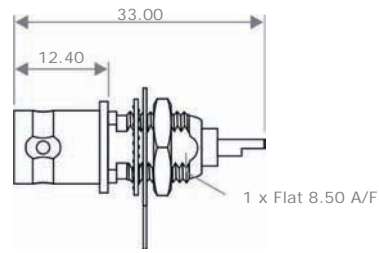




Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance	Fig.
BN06-0400-C06	RG142, RG223, RG400	S1/017	H3	PC11	50 ohms	2
BN06-0174-C06-1	RG174, RG316, RG188, LBC100	S1/012	H3	PC11	50 ohms	1
BN06-0179-C06-1	RG179, RG187, RG179PE	S1/012	H3	PC11	75 ohms	1
BN06-0058-C06	RG58, URM43, LBC195	S1/017	H3	PC11	50 ohms	2
BN06-0059-C06	RG59, URM70	S1/017	H4	PC11	75 ohms	2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

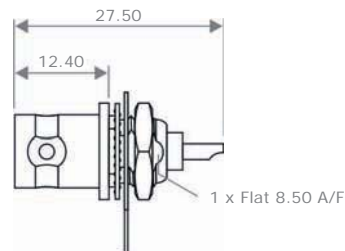
Panel Jack Solder Receptacle - Long Barrel



Part Number	Details	Panel Cut	Impedance
BN62-X001-N06-4	Brass Body, Delrin Dielectric	PC2	50 ohms
BN62-X001-N06-5	Brass Body, Delrin Dielectric	PC2	75 ohms
BN62-X001-N06-6	Brass Body, PTFE Dielectric	PC2	50 ohms
BN62-X001-N06-7	Brass Body, PTFE Dielectric	PC2	75 ohms

Refer to pages 6-7 for panel cut-outs.

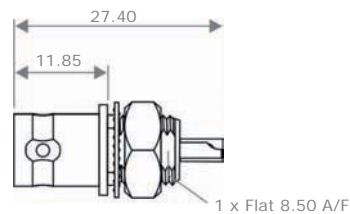
Panel Jack Solder Receptacle - Short Barrel



Part Number	Details	Panel Cut	Impedance
BN62-X001-N06	Brass Body, Delrin Dielectric	PC2	50 ohms
BN62-X001-N06-1	Brass Body, Delrin Dielectric	PC2	75 ohms
BN62-X001-N06-2	Brass Body, PTFE Dielectric	PC2	50 ohms
BN62-X001-N06-3	Brass Body, PTFE Dielectric	PC2	75 ohms

Refer to pages 6-7 for panel cut-outs.

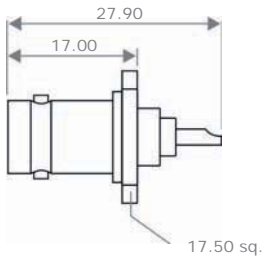
Panel Jack Solder Receptacle - Insulated



Part Number	Details	Panel Cut	Impedance
BN62-X001-D06	Brass Body, White ABS Insulated Rear	PC2	50 ohms
BN62-X001-D06-1	Brass Body, White ABS Insulated Rear	PC2	75 ohms

Refer to pages 6-7 for panel cut-outs.

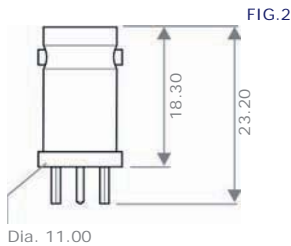
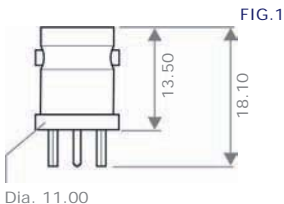
Flange Jack Solder Receptacle



Part Number	Details	Panel Cut	Impedance
BN06-X001-N06	Brass Body, Delrin Dielectric	PC11	50 ohms
BN06-X001-N06-1	Brass Body, Delrin Dielectric	PC11	75 ohms
BN06-X001-N06-2	Brass Body, PTFE Dielectric	PC11	50 ohms
BN06-X001-N06-3	Brass Body, PTFE Dielectric	PC11	75 ohms

Refer to pages 6-7 for panel cut-outs.

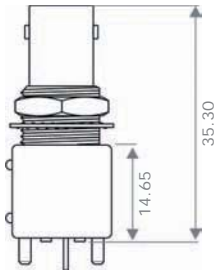
Vertical PCB Mount Jack



Part Number	Details	PCB Layout	Impedance	Fig.
BN10-X150-N06	Brass Body, PTFE Dielectric	FP2	50 ohms	1
BN10-X150-N06-1	Brass Body, PTFE Dielectric	FP2	75 ohms	1
BN10-X150-N06-2	Brass Body, PTFE Dielectric	FP2	50 ohms	2
BN10-X150-N06-3	Brass Body, PTFE Dielectric	FP2	75 ohms	2

Refer to page 6-7 for panel cut-outs & PCB layouts.

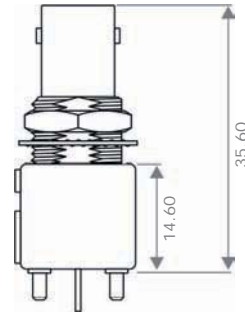
Vertical PCB Mount Jack - Insulated



Part Number	Details	PCB Layout	Panel Cut	Impedance
BN02-X180-N06	White Insulated Body	FP12	PC1	50 ohms
BN02-X180-N06-1	White Insulated Body	FP12	PC1	75 ohms

Refer to page 6-7 for panel cut-outs & PCB layouts.

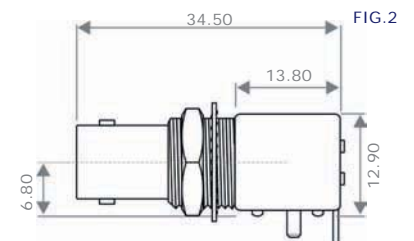
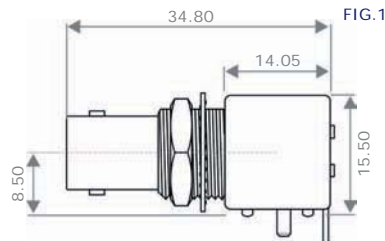
Vertical PCB Mount Jack - Shielded



Part Number	Details	PCB Layout	Panel Cut	Impedance
BN02-X150-N06	Zinc Alloy, Nickel Plated	FP12	PC1	50 ohms
BN02-X150-N06-1	Zinc Alloy, Nickel Plated	FP12	PC1	75 ohms

Refer to page 6-7 for panel cut-outs & PCB layouts.

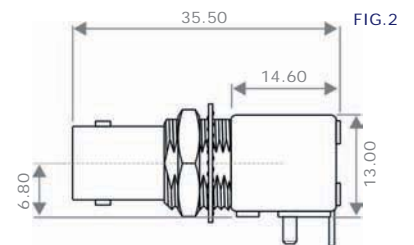
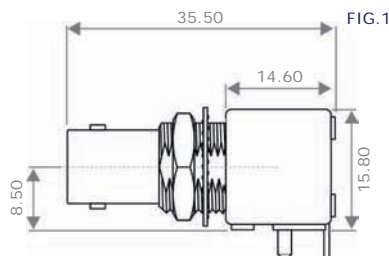
Right Angle PCB Mount Jack - Insulated



Part Number	Details	PCB Layout	Panel Cut	Impedance	Fig.
BN02-X170-N06	White Insulated Body	FP11	PC1	50 ohms	1
BN02-X170-N06-1	White Insulated Body	FP11	PC1	75 ohms	1
BN02-X170-N06-2	White Insulated Body	FP11	PC1	50 ohms	2
BN02-X170-N06-3	White Insulated Body	FP11	PC1	75 ohms	2

Refer to page 6-7 for panel cut-outs & PCB layouts.


Right Angle PCB Mount Jack - Shielded

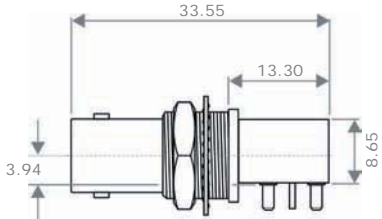


Part Number	Details	PCB Layout	Panel Cut	Impedance	Fig.
BN02-X600-N06	Zinc Alloy, Nickel Plated	FP11	PC1	50 ohms	1
BN02-X600-N06-1	Zinc Alloy, Nickel Plated	FP11	PC1	75 ohms	1
BN02-X600-N06-2	Zinc Alloy, Nickel Plated	FP11	PC1	50 ohms	2
BN02-X600-N06-3	Zinc Alloy, Nickel Plated	FP11	PC1	75 ohms	2

Refer to page 6-7 for panel cut-outs & PCB layouts.

Right Angle PCB Mount Jack - Shielded




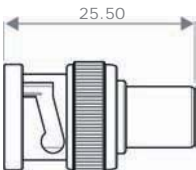


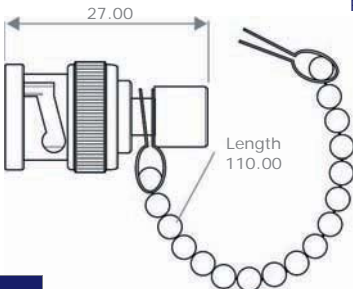
Part Number	Details	PCB Layout	Panel Cut	Impedance
BN02-X600-N11-4	Zinc Alloy, Tin Plated	FP3	PC1	50 ohms
BN02-X600-N11-5	Zinc Alloy, Tin Plated	FP3	PC1	75 ohms

Refer to page 6-7 for panel cut-outs & PCB layouts.

Terminator







Part Number	Details	Impedance	Fig.
BN15-50-A06	Terminator, 1/2 watt	50 ohms	1
BN15-50-A06-1	Terminator with chain, 1/2 watt	50 ohms	2
BN15-75-A06	Terminator, 1/2 watt	75 ohms	1
BN15-75-A06-1	Terminator with chain, 1/2 watt	75 ohms	2

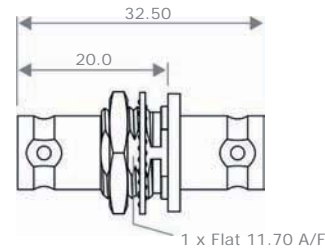
Jack to Jack Adaptor





Part Number	Details	Impedance
BN10-10-A06	Brass Body, Nickel Plated	50 ohms
BN10-10-A06-1	Brass Body, Nickel Plated	75 ohms

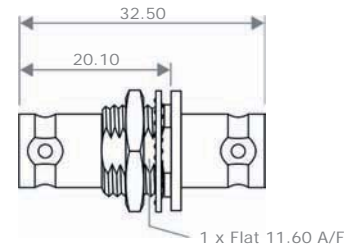
Bulkhead Jack to Jack Adaptor



Part Number	Details	Panel Cut	Impedance
BN02-10-A06	Brass Body, Nickel Plated	PC1	50 ohms
BN02-10-A06-1	Brass Body, Nickel Plated	PC1	75 ohms

Refer to pages 6-7 for panel cut-outs.

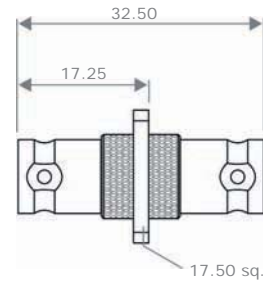
Bulkhead Jack to Jack Adaptor - Insulated



Part Number	Details	Panel Cut	Impedance
BN02-10-D06	Brass Body, White Insulated Body	PC1	50 ohms
BN02-10-D06-1	Brass Body, White Insulated Body	PC1	75 ohms

Refer to pages 6-7 for panel cut-outs.

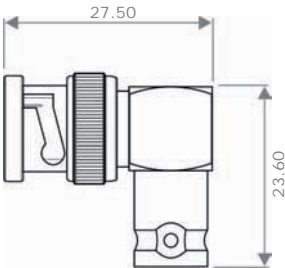
Flange Jack to Jack Adaptor



Part Number	Details	Panel Cut	Impedance
BN06-10-A06	Brass Body, Nickel Plated	PC11	50 ohms
BN06-10-A06-1	Brass Body, Nickel Plated	PC11	75 ohms

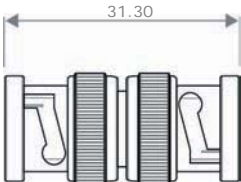
Refer to pages 6-7 for panel cut-outs.

Right Angle Plug to Jack Adaptor



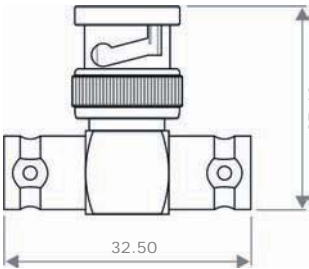
Part Number	Details	Impedance
BN17-10-A06	Brass Body, Nickel Plated	50 ohms
BN17-10-A06-1	Brass Body, Nickel Plated	75 ohms

Plug to Plug Adaptor



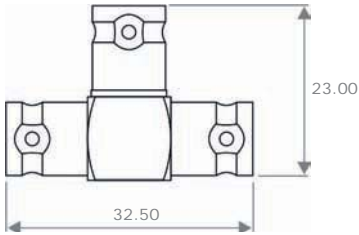
Part Number	Details	Impedance
BN15-15-A06	Brass Body, Nickel Plated	50 ohms
BN15-15-A06-1	Brass Body, Nickel Plated	75 ohms

Plug to Jack to Jack Adaptor



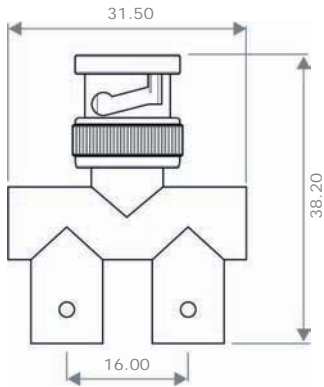
Part Number	Details	Impedance
BN10-1510-A06	Brass Body, Nickel Plated	50 ohms
BN10-1510-A06-1	Brass Body, Nickel Plated	75 ohms

Jack to Jack to Jack Adaptor



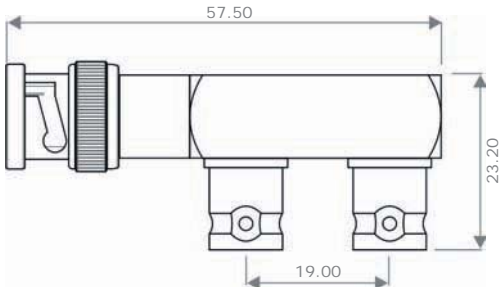
Part Number	Details	Impedance
BN10-1010-A06	Brass Body, Nickel Plated	50 ohms
BN10-1010-A06-1	Brass Body, Nickel Plated	75 ohms

Plug to Jack to Jack Adaptor - Goalpost



Part Number	Details	Impedance
BN10-1510-A06-2	Zinc Alloy Body, Nickel Plated	50 ohms
BN10-1510-A06-3	Zinc Alloy Body, Nickel Plated	75 ohms

Plug to Jack to Jack Adaptor - F style



Part Number	Details	Impedance
BN10-1510-A06-4	Brass Body, Nickel Plated	50 ohms
BN10-1510-A06-5	Brass Body, Nickel Plated	75 ohms

BNC Plug (Male)



BNC Jack (Female)



ELECTRICAL	
Impedance	75 ohms
Maximum Interface Frequency	DC to 3GHz
VSWR	1.22 Maximum
Insertion Loss	0.25dB Maximum at 3GHz
RF Leakage	-55 dB Minimum
Insulation Resistance	5000 Megaohms Minimum
Inner Contact Resistance	3 milliohms Maximum
Outer Contact Resistance	2 milliohms Maximum
Working Voltage	500 Volts RMS Maximum
Dielectric Withstanding Voltage	1500 Volts RMS Maximum

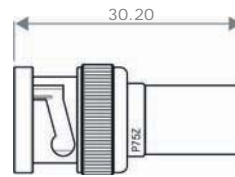
MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Equal to cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C
	Delrin: -55 to +85 degrees C

MATERIALS	
Bodies	Brass, Nickel Plated
Pins	Brass, Gold Plated
Contacts	Phosphor Bronze, Gold Plated
Ferrules	Brass, Nickel Plated
Insulators	PTFE or Delrin
End Caps	Brass, Nickel Plated
Gaskets	Silicon Rubber
Springs	Steel, Nickel Plated
Panel Nuts	Brass, Nickel Plated
Panel Washers	Brass or Steel, Nickel Plated

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Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
BN15-1505-C06-Z	Belden 1426A, 1505A, 1505F	S1/081	H4	75 ohms
BN15-1694-C06-Z	Belden 1694, 1695, SDV-L	S1/081	H16	75 ohms
BN15-8281-C06-Z	Belden 8281, 9231, 9141	S1/081	H5	75 ohms
BN15-0016-C06-Z	Image 360, SDV	S1/081	H3	75 ohms
BN15-0012-C06-Z	PSF1/2	S1/081	H5	75 ohms
BN15-0059-C06-Z	RG59	S1/081	H4	75 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Plug

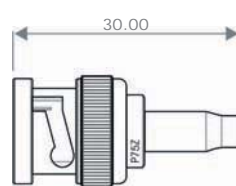


FIG. 1

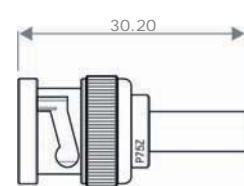


FIG. 2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Fig.
BN15-0179-C06-Z	RG179	S1/085	H2	75 ohms	1
BN15-D179-C06-Z	RD179	S1/085	H2	75 ohms	2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Bulkhead Jack

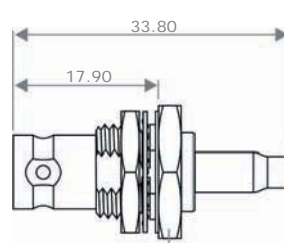


FIG. 1

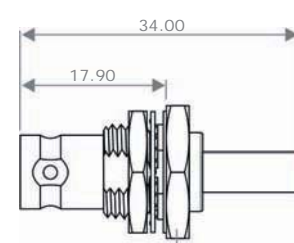
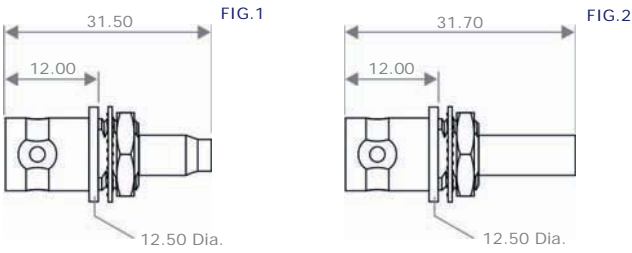


FIG. 2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance	Fig.
BN02-0179-C06-Z	RG179	S1/096	H2	PC1	75 ohms	1
BN02-D179-C06-Z	RD179	S1/096	H2	PC1	75 ohms	2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

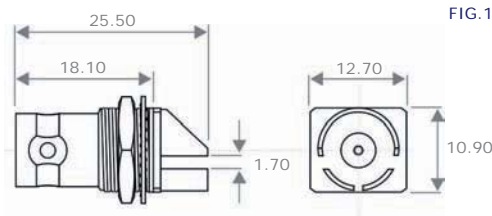
Crimp Panel Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance	Fig.
BN62-0179-C06-Z	RG179	S1/097	H2	PC2	75 ohms	1
BN62-D179-C06-Z	RD179	S1/097	H2	PC2	75 ohms	2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

PCB Mount End Launch Bulkhead Jack



Part Number	Details	Panel Cut	Impedance	Fig.
BN02-X800-N01-17	Brass, Gold Plated, 1.57mm PCB	PC1	75 ohms	1

Refer to pages 6-7 for panel cut-outs.

BNC RP Plug (Female)



BNC RP Jack (Male)



ELECTRICAL	
Impedance	50 ohms
Maximum Interface Frequency	DC to 4GHz
VSWR	1.3 Maximum
Insertion Loss	0.25dB Maximum at 4GHz
RF Leakage	-55 dB Minimum
Insulation Resistance	5000 Megaohms Minimum
Inner Contact Resistance	3 milliohms Maximum
Outer Contact Resistance	2 milliohms Maximum
Working Voltage	500 Volts RMS Maximum
Dielectric Withstanding Voltage	1500 Volts RMS Maximum

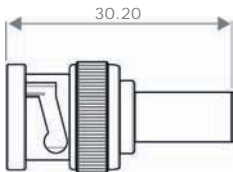
MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Equal to cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C
	Delrin: -55 to +85 degrees C

MATERIALS	
Bodies	Brass, Nickel Plated
Pins	Brass, Gold Plated
Contacts	Phosphor Bronze, Gold Plated
Ferrules	Brass, Nickel Plated
Insulators	PTFE or Delrin
End Caps	Brass, Nickel Plated
Gaskets	Silicon Rubber
Springs	Steel, Nickel Plated
Panel Nuts	Brass, Nickel Plated
Panel Washers	Brass or Steel, Nickel Plated

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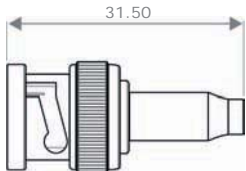
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
BN15-0400-C06-R	RG142, RG223, RG400	S1/017	H3	50 ohms
BN15-0058-C06-R	RG58, URM43, LBC195	S1/017	H3	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

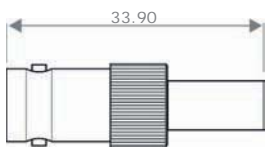
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
BN15-0174-C06-1-R	RG174, RG188, RG316, LBC100	S1/053	H3	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

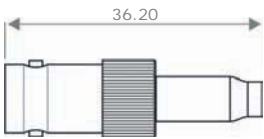
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
BN10-0400-C06-R	RG142, RG223, RG400	S1/035	H3	50 ohms
BN10-0058-C06-R	RG58, URM43, LBC195	S1/035	H3	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
BN10-0174-C06-1-R	RG174, RG188, RG316, LBC100	S1/012	H3	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

FME Plug (Male)



FME Jack (Female)



ELECTRICAL

Impedance	50 ohms
Maximum Interface Frequency	DC to 2GHz
VSWR	1.3 Maximum
Insertion Loss	0.25dB Maximum
RF Leakage	-55 dB Minimum
Insulation Resistance	5000 Megaohms Minimum
Inner Contact Resistance	1.5 milliohms Maximum
Outer Contact Resistance	1.0 milliohms Maximum
Working Voltage	250 Volts RMS Maximum
Dielectric Withstanding Voltage	500 Volts RMS Maximum

MECHANICAL & ENVIRONMENTAL

Durability	500 mating cycles
Cable Retention	Equal to cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C
	Delrin: -55 to +85 degrees C

MATERIALS

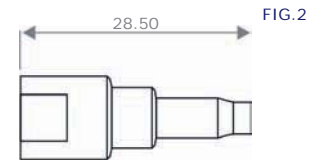
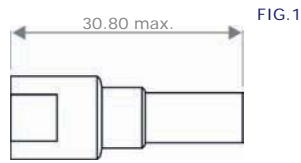
Bodies	Brass, Nickel Plated
Pins	Brass, Gold Plated
Contacts	Phosphor Bronze, Gold Plated
Ferrules	Brass, Nickel Plated
Insulators	PTFE or Delrin
End Caps	Brass, Nickel Plated
Gaskets	Silicon Rubber
Panel Nuts	Brass, Nickel Plated
Panel Washers	Brass or Steel, Nickel Plated

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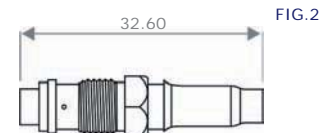
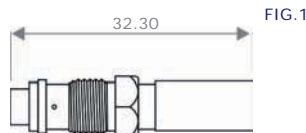
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Fig.
FM15-D316-C06	RD316, RG316DS	S1/035	H2	50 ohms	1
FM15-0400-C06	RG142, RG223, RG400	S1/033	H3	50 ohms	1
FM15-0058-C06	RG58, URM43, LBC195	S1/033	H3	50 ohms	1
FM15-0174-C06	RG174, RG188, RG316, LBC100	S1/035	H2	50 ohms	2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Fig.
FM10-0400-C06	RG142, RG223, RG400	S1/023	H3	50 ohms	1
FM10-0058-C06	RG58, URM43, LBC195	S1/023	H3	50 ohms	1
FM10-0174-C06	RG174, RG188, RG316, LBC100	S1/023	H2	50 ohms	2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Bulkhead Jack

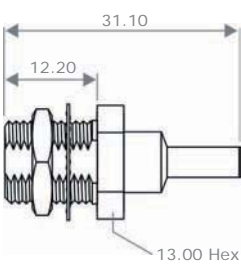


FIG. 1

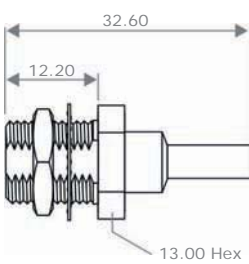


FIG. 2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance	Fig.
FM07-D316-C06	RD316, RG316DS	S1/035	H1	PC3	50 ohms	2
FM07-0174-C06	RG174, RG188, RG316, LBC100	S1/035	H1	PC3	50 ohms	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

F Type Plug (Male)



F Type Jack (Female)



ELECTRICAL	
Impedance	75 ohms
Maximum Interface Frequency	DC to 2GHz (cable fixing plugs)
VSWR	1.35 Maximum
Insertion Loss	0.40dB Maximum
RF Leakage	-55 dB Minimum
Insulation Resistance	1000 Megaohms Minimum
Inner Contact Resistance	5 milliohms Maximum
Outer Contact Resistance	1 milliohms Maximum
Working Voltage	250 Volts RMS Maximum
Dielectric Withstanding Voltage	500 Volts RMS Maximum

MECHANICAL & ENVIRONMENTAL	
Durability	50 mating cycles
Cable Retention	Equal to cable breaking strain
Mating Torque	3.4NM
Temperature Range	Delrin: -55 to +85 degrees C
	Polypropylene: 0 to +135 degrees C

MATERIALS	
Bodies	Brass, Nickel Plated
Pins	Brass, Gold Plated
Contacts	Brass, Tin Plated
Ferrules	Brass, Nickel Plated
Insulators	Delrin or Polypropylene
End Caps	Brass, Nickel Plated
Gaskets	Silicon Rubber
Panel Nuts	Brass, Nickel Plated
Panel Washers	Brass or Steel, Nickel Plated

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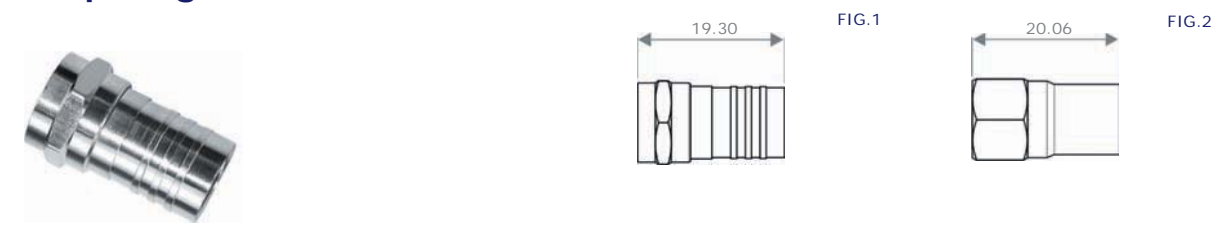
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
FT15-0179-C06	RG179	S1/029	H1	75 ohms
FT15-D179-C06	RD179, RG179DS	S1/029	H8	75 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Fig.
FT15-0059-C06	RG59	S3/024	H5F	75 ohms	1
FT15-0100-C06	CT100, H109	S3/024	H5F	75 ohms	1
FT15-0125-C06	CT125	S3/027	H5F	75 ohms	2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

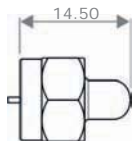
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
FT15-0167-C06	CT167	S3/025	H10	75 ohms
FT15-0011-C06	RG11	S3/025	H10	75 ohms

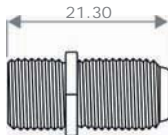
Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Terminator



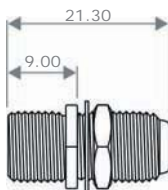
Part Number	Details	Impedance
FT15-75-N06	Terminator	75 ohms

Jack to Jack Adaptor



Part Number	Details	Impedance
FT10-10-A06	Jack to Jack	75 ohms

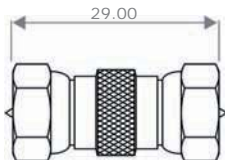
Bulkhead Jack to Jack Adaptor



Part Number	Details	Panel Cut	Impedance
FT02-10-A06	Bulkhead Jack to Jack	PC8	75 ohms

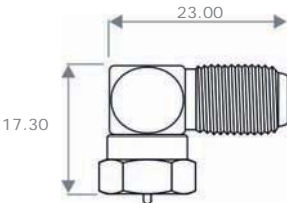
Refer to pages 6-7 for panel cut-outs.

Plug to Plug Adaptor



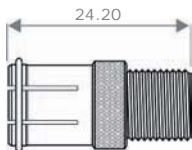
Part Number	Details	Impedance
FT15-15-A06	Plug to Plug	75 ohms

Right Angle Plug to Jack Adaptor



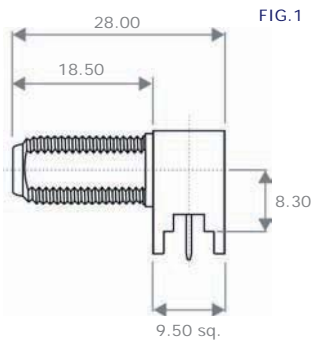
Part Number	Details	Impedance
FT17-10-A06	Right Angle Plug to Jack	75 ohms

Push-fit Plug to Jack Adaptor



Part Number	Details	Impedance
FT15-10-A06-1	Push-fit Plug to Jack	75 ohms

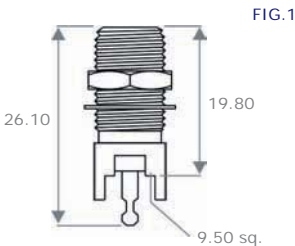
Right Angle PCB Mount Jack



Part Number	Details	PCB Layout	Panel Cut	Impedance	Fig.
FT02-X600-N06	PCB Mount Jack	FP5	PC4	75 ohms	1

Refer to page 6-7 for panel cut-outs & PCB layouts.

Vertical PCB Mount Jack



Part Number	Details	PCB Layout	Panel Cut	Impedance	Fig.
FT02-X150-N06	PCB Mount Jack	FP4	PC8	75 ohms	1

Refer to page 6-7 for panel cut-outs & PCB layouts.

MCX Plug (Male)



MCX Plug (Female)



ELECTRICAL	
Impedance	50 ohms
Maximum Interface Frequency	DC to 6GHz
VSWR	1.35 Maximum
Insertion Loss	0.40dB Maximum
RF Leakage	-60 dB Minimum
Insulation Resistance	5000 Megaohms Minimum
Inner Contact Resistance	5.0 milliohms Maximum
Outer Contact Resistance	1.0 milliohms Maximum
Working Voltage	250 Volts RMS Maximum
Dielectric Withstanding Voltage	500 Volts RMS Maximum

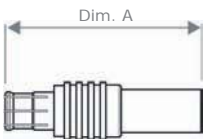
MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Equal to cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C

MATERIALS	
Bodies	Brass, Gold Plated
Pins	Brass, Gold Plated
Contacts	Beryllium Copper, Gold Plated
Ferrules	Brass, Gold Plated
Insulators	PTFE
End Caps	Brass, Gold Plated
Gaskets	Silicon Rubber
Panel Nuts	Brass, Gold Plated
Panel Washers	Brass, Gold Plated

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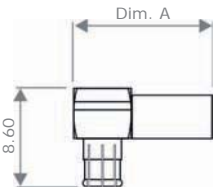
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Dim. A
MX15-0174-C01	RG174, RG188, RG316, LBC100	S1/037	H1	17.20
MX15-D316-C01	RD316, RG316DS	S1/038	H8	21.20
MX15-0179-C01	RG179, RG187	S1/037	H1	17.20

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

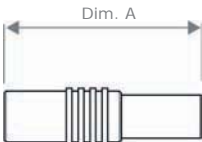
Crimp Right Angle Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Dim. A
MX17-0174-C01	RG174, RG188, RG316, LBC100	S1/038	H1A	12.00
MX17-D316-C01	RD316, RG316DS	S1/038	H8A	16.00
MX17-0179-C01	RG179, RG187	S1/038	H1A	12.00
MX17-0178-C01	RG178, RG196	S1/038	H15A	12.00

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

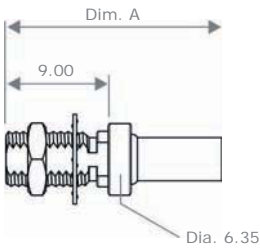
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Dim. A
MX10-0174-C01	RG174, RG188, RG316, LBC100	S1/037	H1	17.30
MX10-D316-C01	RD316, RG316DS	S1/037	H8	21.30
MX10-0179-C01	RG179, RG187	S1/037	H1	17.30

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

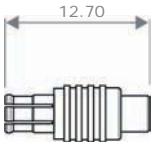
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Dim. A
MX02-0174-C01	RG174, RG188, RG316, LBC100	S1/080	H1	PC5	19.00
MX02-D316-C01	RD316, RG316DS	S1/080	H8	PC5	22.00
MX02-0179-C01	RG179, RG187	S1/080	H1	PC5	19.00

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

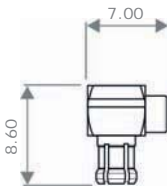
Solder Plug



Part Number	Cable Type	Strip Dims.
MX15-0405-R01	RG405, 085 semi-rigid	S4/008

Refer to pages 2-3 for strip dimensions.

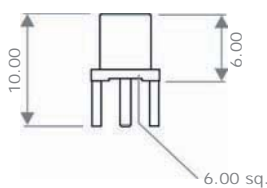
Solder Right Angle Plug



Part Number	Cable Type	Strip Dims.
MX17-0405-R01	RG405, 085 semi-rigid	S4/007

Refer to pages 2-3 for strip dimensions.

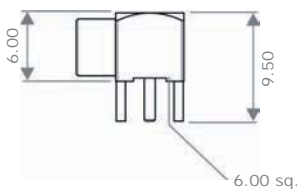
Vertical PCB Mount Jack



Part Number	Details	PCB Layout
MX10-X150-N01	Vertical PCB Mount Jack	FP13

Refer to pages 6-7 for PCB layouts.

Right Angle PCB Mount Jack



Part Number	Details	PCB Layout
MX10-X170-N01	Right Angle PCB Mount Jack	FP13

Refer to pages 6-7 for PCB layouts.

MCX Plug (Male)



MCX Jack (Female)



ELECTRICAL

Impedance	75 ohms
Maximum Interface Frequency	DC to 4GHz
VSWR	1.35 Maximum
Insertion Loss	0.40dB Maximum
RF Leakage	-60 dB Minimum
Insulation Resistance	5000 Megaohms Minimum
Inner Contact Resistance	5.0 milliohms Maximum
Outer Contact Resistance	1.0 milliohms Maximum
Working Voltage	250 Volts RMS Maximum
Dielectric Withstanding Voltage	500 Volts RMS Maximum

MECHANICAL & ENVIRONMENTAL

Durability	500 mating cycles
Cable Retention	Equal to cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C

MATERIALS

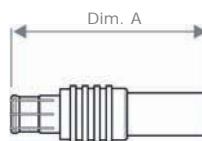
Bodies	Brass, Gold Plated
Pins	Brass, Gold Plated
Contacts	Beryllium Copper, Gold Plated
Ferrules	Brass, Gold Plated
Insulators	PTFE
End Caps	Brass, Gold Plated
Gaskets	Silicon Rubber
Panel Nuts	Brass, Gold Plated
Panel Washers	Brass, Gold Plated

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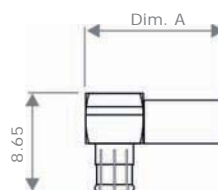
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Dim. A
MX15-D179-C01-Z	RD179	S1/037	H8	17.20
MX15-0179-C01-Z	RG179, RG187	S1/037	H1	21.20

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

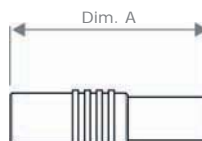
Crimp Right Angle Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Dim. A
MX17-D179-C01-Z	RD179	S1/038	H8	12.00
MX17-0179-C01-Z	RG179, RG187	S1/038	H1	16.00

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

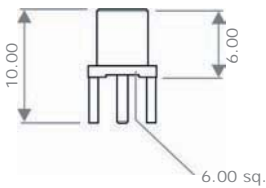
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Dim. A
MX10-D179-C01-Z	RD179	S1/037	H8	17.30
MX10-0179-C01-Z	RG179, RG187	S1/037	H1	21.30

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

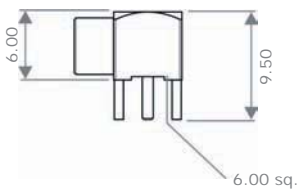
Vertical PCB Mount Jack



Part Number	Details	PCB Layout
MX10-X150-N01-Z	Vertical PCB Mount Jack	FP13

Refer to pages 6-7 for PCB layouts.

Right Angle PCB Mount Jack



Part Number	Details	PCB Layout
MX10-X170-N01-Z	Right Angle PCB Mount Jack	FP13

Refer to pages 6-7 for PCB layouts.

MMCX Plug (Male)



MMCX Jack (Female)



ELECTRICAL	
Impedance	50 ohms
Maximum Interface Frequency	DC to 6GHz
VSWR	1.35 Maximum
Insertion Loss	0.20dB Maximum
RF Leakage	-60 dB Minimum
Insulation Resistance	1000 Megaohms Minimum
Inner Contact Resistance	5.0 milliohms Maximum
Outer Contact Resistance	1.0 milliohms Maximum
Working Voltage	170 Volts RMS Maximum
Dielectric Withstanding Voltage	500 Volts RMS Maximum

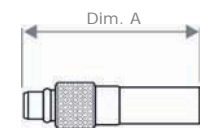
MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Equal to cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C

MATERIALS	
Bodies	Brass, Gold Plated
Pins	Brass, Gold Plated
Contacts	Beryllium Copper, Gold Plated
Ferrules	Brass, Gold Plated
Insulators	PTFE
End Caps	Brass, Gold Plated
Gaskets	Silicon Rubber
Panel Nuts	Brass, Gold Plated
Panel Washers	Brass, Gold Plated

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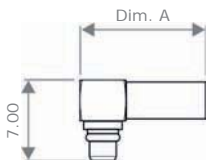
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Dim. A
MM15-0174-C01	RG174, RG188, RG316, LBC100	S1/093	H1	50 ohms	15.40
MM15-D316-C01	RD316, RG316DS	S1/093	H8	50 ohms	19.40
MM15-0178-C01	RG178, RG196	S1/041	H15	50 ohms	15.40

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

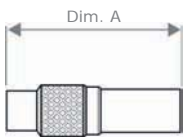
Crimp Right Angle Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Dim. A
MM17-0174-C01	RG174, RG188, RG316, LBC100	S1/042	H1A	50 ohms	11.00
MM17-D316-C01	RD316, RG316DS	S1/042	H8A	50 ohms	15.00
MM17-0178-C01	RG178, RG196	S1/042	H15A	50 ohms	11.00

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Dim. A
MM10-0174-C01	RG174, RG188, RG316, LBC100	S1/041	H1	50 ohms	15.30
MM10-D316-C01	RD316, RG316DS	S1/041	H8	50 ohms	19.30

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

N Type Plug (Male)



N Type Jack (Female)



ELECTRICAL	
Impedance	50 ohms
Maximum Interface Frequency	DC to 6GHz or 11GHz
VSWR	1.15 + 0.015f(GHz)
Insertion Loss	0.2dB Maximum
RF Leakage	-80 dB Minimum
Insulation Resistance	5000 Megaohms Minimum
Inner Contact Resistance	1.0 milliohms Maximum
Outer Contact Resistance	0.2 milliohms Maximum
Working Voltage	1500 Volts RMS Maximum
Dielectric Withstanding Voltage	2500 Volts RMS Maximum

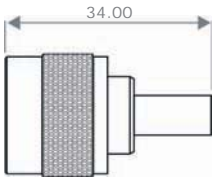
MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Equal to cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C

MATERIALS	
Bodies	Brass, Nickel Plated
Pins	Brass, Gold Plated
Contacts	Brass or Phosphor Bronze, Gold Plated
Ferrules	Brass, Nickel Plated
Insulators	PTFE
End Caps	Brass, Nickel Plated
Gaskets	Silicon Rubber
Panel Nuts	Brass, Nickel Plated
Panel Washers	Brass or Steel, Nickel Plated

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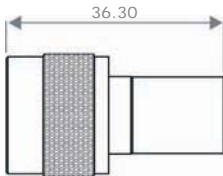
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
NT15-L200-C06	LBC200, LMR200	S1/092	H3A	Nickel
NT15-L240-C06	LMR240, LBC240	S1/049	H4	Nickel
NT15-0400-C06	RG142, RG223, RG400	S1/054	H3	Nickel
NT15-0058-C06	RG58, URM43, LBC195	S1/092	H3	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

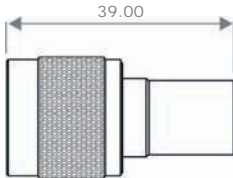
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
NT15-0519-C06	Belden 9913, LMR400, LBC400	S1/043	H12	Nickel
NT15-0213-C06	RG213	S1/043	H6	Nickel
NT15-0214-C06	RG214	S1/043	H6	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

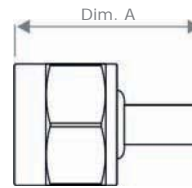
Crimp Plug - Integral Pin



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
NT15-0519-C06-2	Belden 9913, LMR400, LBC400	S1/049	H6B	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Plug - Hex Nut



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating	Dim. A
NT15-0223-C49-2	RG58, LBC195, RG142, RG223, RG400	S1/086	H3	Tri-Alloy	30.60
NT15-0519-C49-2	Belden 9913, LMR400, LBC400	S1/018	H12	Tri-Alloy	36.80

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Clamp Plug - Compression Fixing

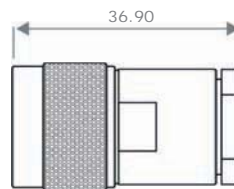


FIG.1

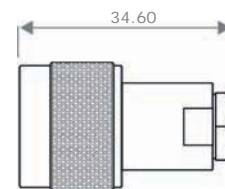


FIG.2

Part Number	Cable Type	Strip Dims.	Plating	Fig.
NT15-0519-L06-2	Belden 9913, LMR400, LBC400	S2/038	Nickel	1
NT15-0174-L06-2	RG174, RG188, RG316, LBC100, RD316	S2/037	Nickel	2
NT15-0213-L06-2	RG213	S2/038	Nickel	1
NT15-0214-L06-2	RG214	S2/038	Nickel	1
NT15-0223-L06-2	RG58, URM43, LBC195, RG142, RG223, RG400	S2/038	Nickel	2

Refer to pages 2-3 for strip dimensions.

Clamp Plug - Taper Fixing

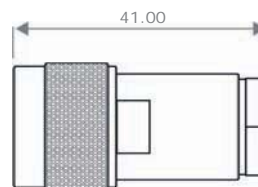


FIG.1

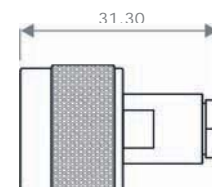


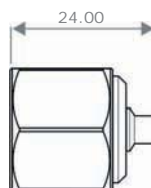
FIG.2

Part Number	Cable Type	Strip Dims.	Plating	Fig.
NT15-0519-L06	Belden 9913, LMR400, LBC400	S2/025	Nickel	1
NT15-0213-L06	RG213	S2/025	Nickel	1
NT15-0214-L06	RG214	S2/025	Nickel	1
NT15-0058-L06	RG58, URM43, LBC195	S2/026	Nickel	2

Refer to pages 2-3 for strip dimensions.

N Type Series

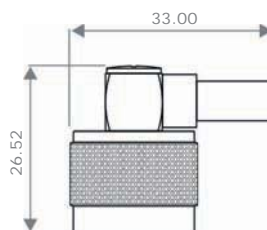
Direct Solder Plug



Part Number	Cable Type	Strip Dims.	Plating
NT15-0402-R06-2	RG402, 141 semi-rigid	S4/009	Nickel
NT15-0405-R06-2	RG405, 085 semi-rigid	S4/009	Nickel

Refer to pages 2-3 for strip dimensions.

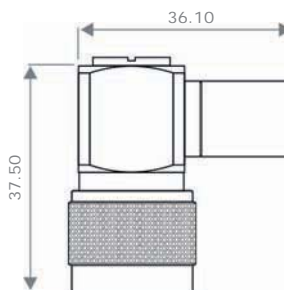
Crimp Right Angle Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
NT17-L200-C06	LMR200, LBC200	S1/048	H3A	Nickel
NT17-L240-C06	LMR240, LBC240	S1/044	H4A	Nickel
NT17-0400-C06	RG142, RG223, RG400	S1/048	H3A	Nickel
NT17-0058-C06	RG58, URM43, LBC195	S1/048	H3A	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

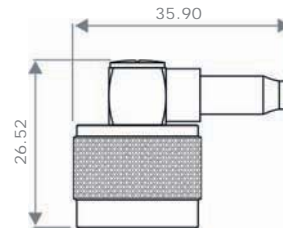
Crimp Right Angle Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
NT17-0519-C06	Belden 9913, LMR400, LBC400	S1/046	H6A	Nickel
NT17-0213-C06	RG213	S1/046	H6A	Nickel
NT17-0214-C06	RG214	S1/046	H6A	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

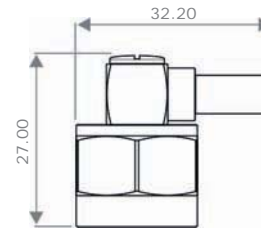
Crimp Right Angle Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
NT17-0174-C06-1	RG174, RG188, RG316, LBC100	S1/047	H3A	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

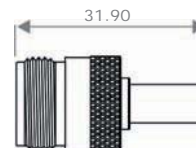
Crimp Right Angle Plug - Hex Nut



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
NT17-0223-C49-2	RG58, URM43, LBC195, RG142, RG223, RG400	S1/095	H3A	Tri-Alloy

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

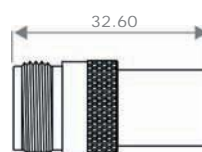
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
NT10-L200-C06	LMR200, LBC200	S1/051	H3A	Nickel
NT10-L240-C06	LMR240, LBC240	S1/049	H4	Nickel
NT10-0400-C06	RG142, RG223, RG400	S1/051	H3	Nickel
NT10-0058-C06	RG58, URM43, LBC195	S1/051	H3	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
NT10-0519-C06	Belden 9913, LMR400, LBC400	S1/049	H12A	Nickel
NT10-0213-C06	RG213	S1/049	H6	Nickel
NT10-0214-C06	RG214	S1/049	H6	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Clamp Jack - Compression Fixing

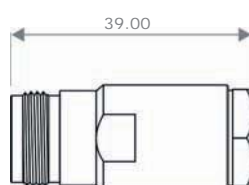


FIG.1

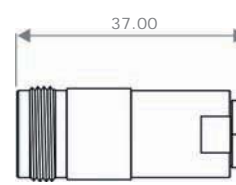
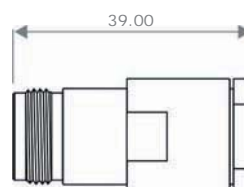


FIG.2

Part Number	Cable Type	Strip Dims.	Plating	Fig.
NT10-0519-L06-2	Belden 9913, LMR400, LBC400	S2/038	Nickel	1
NT10-0174-L06-2	RG174, RG188, RG316, LBC100, RD316	S2/037	Nickel	2
NT10-0213-L06-2	RG213	S2/038	Nickel	1
NT10-0214-L06-2	RG214	S2/038	Nickel	1
NT10-0223-L06-2	RG58, URM43, LBC195, RG142, RG223, RG400	S2/038	Nickel	2

Refer to pages 2-3 for strip dimensions.

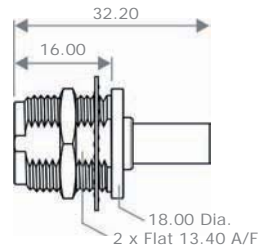
Clamp Jack - Taper Fixing



Part Number	Cable Type	Strip Dims.	Plating
NT10-0519-L06	Belden 9913, LMR400, LBC400	S2/027	Nickel
NT10-0213-L06	RG213	S2/027	Nickel
NT10-0214-L06	RG214	S2/027	Nickel

Refer to pages 2-3 for strip dimensions.

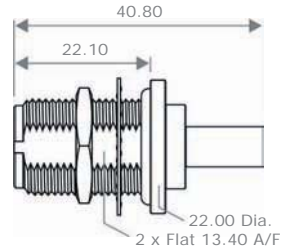
Crimp Bulkhead Jack - Short Barrel



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Plating
NT02-0058-C06	RG58, URM43, LBC195	S1/049	H3	PC10	Nickel
NT02-0400-C06	RG142, RG223, RG400	S1/049	H3	PC10	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

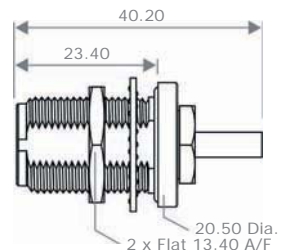
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Plating
NT02-L240-C06-1	LMR240, LBC240	S1/081	H4	PC10	Nickel
NT02-0058-C06-1	RG58, URM43, LBC195	S1/081	H3	PC10	Nickel
NT02-0400-C06-1	RG142, RG223, RG400	S1/052	H3	PC10	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

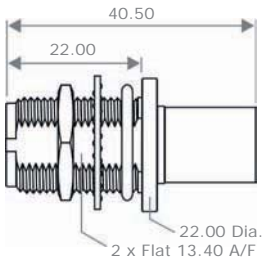
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Plating
NT02-0174-C06-12	RG174, RG188, RG316, LBC100	S1/069	H1A	PC10	Nickel
NT02-D316-C06-12	RD316, RG316DS	S1/029	H8A	PC10	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

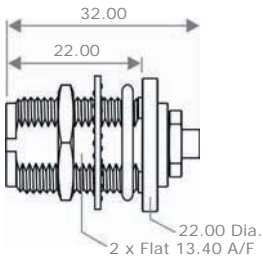
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Plating
NT02-0213-C06-2	RG213	S1/081	H12	PC10	Nickel
NT02-0214-C06-2	RG214	S1/081	H12	PC10	Nickel
NT02-0519-C06	Belden 9913, LMR400, LBC400	S1/081	H12	PC10	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

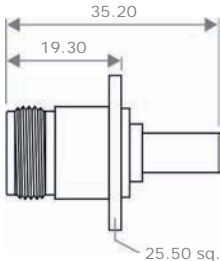
Solder Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Panel Cut	Plating
NT02-0402-R06	RG402, 141 semi-rigid	S4/006	PC10	Nickel
NT02-0405-R06	RG405, 085 semi-rigid	S4/006	PC10	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 6-7 for panel cut-outs.

Crimp Flange Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Plating
NT06-0058-C06	RG58, URM43, LBC195	S1/054	H3	PC12	Nickel
NT06-0400-C06	RG142, RG223, RG400	S1/054	H3	PC12	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

Crimp Flange Jack

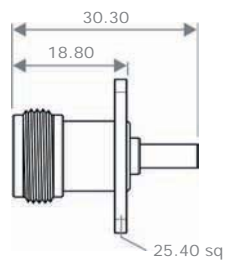


FIG.1

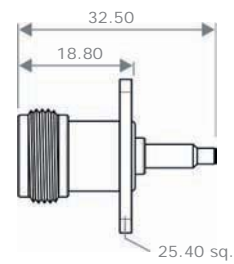
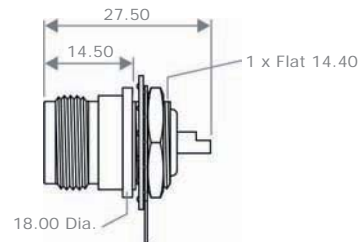


FIG.2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Plating	Fig.
NT06-3161-C06	RG174, RG188, RG316, LBC100	S1/090	H1	PC12	Nickel	1
NT06-3162-C06	RD316, RG316DS	S1/090	H8	PC12	Nickel	1
NT06-0178-C06	RG178, RG196	S1/084	H1	PC12	Nickel	2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

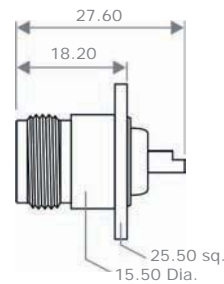
Panel Mount Jack



Part Number	Details	Panel Cut	Plating
NT62-X001-N06	Panel Mount Jack - Front Entry	PC7	Nickel

Refer to pages 6-7 for panel cut-outs.

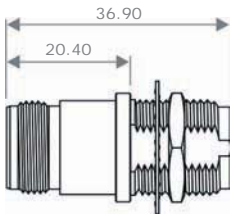
Flange Mount Jack



Part Number	Details	Panel Cut	Plating
NT06-X001-N06	Flange Mount Jack - 4 Hole	PC12	Nickel

Refer to pages 6-7 for panel cut-outs.

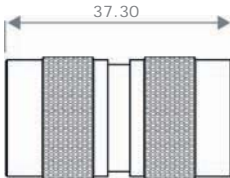
Bulkhead Jack to Jack Adaptor



Part Number	Details	Panel Cut	Plating
NT02-10-A06	Bulkhead Jack to Jack	PC10	Nickel

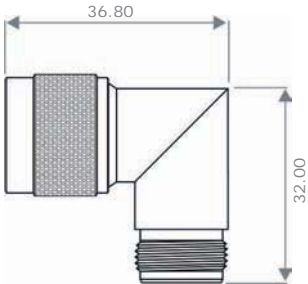
Refer to pages 6-7 for panel cut-outs.

Plug to Plug Adaptor



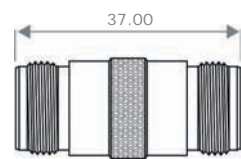
Part Number	Details	Plating
NT15-15-A06	Plug to Plug	Nickel

Right Angle Plug to Jack Adaptor



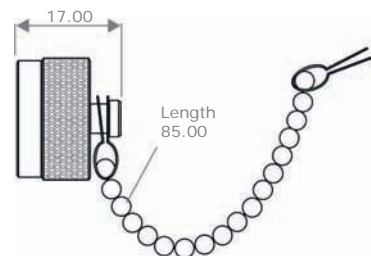
Part Number	Details	Plating
NT17-10-A06	Right Angle Plug to Jack	Nickel

Jack to Jack Adaptor



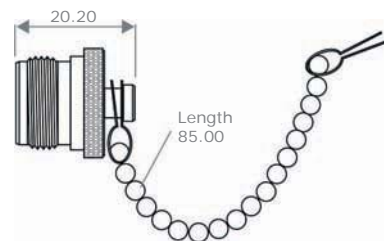
Part Number	Details	Plating
NT10-10-A06	Jack to Jack	Nickel

Dust Cap Plug - with Chain



Part Number	Details	Plating
NT15-X1-A06	Plug - with chain	Nickel

Dust Cap Jack - with Chain



Part Number	Details	Plating
NT10-X1-A06	Jack - with chain	Nickel

SMA Plug (Male)



SMA Jack (Female)



ELECTRICAL	
Impedance	50 ohms
Maximum Interface Frequency	DC to 12.4GHz (Flexible Cables) DC to 18GHz (Semi-Rigid Cables)
VSWR: Straight / Right Angle	1.15 + 0.01f(GHz) (Flexible Cables) 1.05 + 0.01f(GHz) (Semi-Rigid Cables)
Insertion Loss	0.2dB Max. (Flexible Cables) 0.25dB Max. (Semi-Rigid Cables)
RF Leakage	-60dB Max. (Flexible Cables) -90dB Max. (Semi-Rigid Cables)
Insulation Resistance	5000 Megaohms Minimum
Inner Contact Resistance	3 milliohms Maximum
Outer Contact Resistance	2 milliohms Maximum
Working Voltage	RG400: 500 Volts, RG316: 335V, RG402: 500V, RG405: 335V
Dielectric Withstanding Voltage	RG400: 1000 Volts, RG316: 750V, RG402: 1000V, RG405: 750V

MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Cable breaking strain (Flexible Cables) 27N (Semi-Rigid Cables)
Temperature Range	PTFE: -65 to +165 degrees C
Mating Torque	0.79 to 1.13NM (7-10 inch pounds)

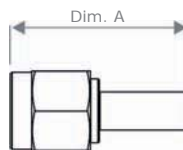
MATERIALS	
Bodies	Brass, Nickel or Gold Plated / Passivated Stainless Steel
Pins	Brass, Gold Plated
Contacts	Beryllium Copper, Gold Plated
Ferrules	Brass, Nickel or Gold Plated
Insulators	PTFE
End Caps	Brass, Nickel or Gold Plated
Gaskets	Silicon Rubber
Springs	Brass, Nickel or Gold Plated
Panel Nuts	Brass, Nickel or Gold Plated
Panel Washers	Brass, Nickel or Gold Plated

Where applicable all products are manufactured in accordance with MIL-C-39012.

Published specifications are typical although variations will occur. For further information consult our web site at www.gigatronix.com or contact a member of our technical sales team. Technical datasheets are available on request.

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Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating	Dim. A
MA15-0174-C01	RG174, RG188, RG316, LBC100	S1/082	H1A	Gold	19.45
MA15-0174-C06	RG174, RG188, RG316, LBC100	S1/082	H1A	Nickel	19.45
MA15-0174-C04	RG174, RG188, RG316, LBC100	S1/082	H1A	Passivated Stainless Steel	19.45
MA15-D316-C01	RD316, RG316DS	S1/082	H8A	Gold	21.45
MA15-D316-C06	RD316, RG316DS	S1/082	H8A	Nickel	21.45
MA15-D316-C04	RD316, RG316DS	S1/082	H8A	Passivated Stainless Steel	21.45
MA15-0178-C01	RG178, RG196	S1/055	H15A	Gold	16.40
MA15-0178-C06	RG178, RG196	S1/055	H15A	Nickel	16.40

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

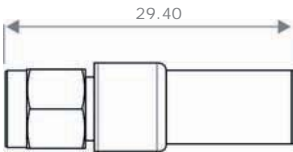
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
MA15-0058-C01	RG58, URM43, LMR195, LBC195	S1/056	H3A	Gold
MA15-0058-C06	RG58, URM43, LMR195, LBC195	S1/056	H3A	Nickel
MA15-0058-C04	RG58, URM43, LMR195, LBC195	S1/056	H3A	Passivated Stainless Steel
MA15-0400-C01	RG142, RG223, RG400	S1/056	H3A	Gold
MA15-0400-C06	RG142, RG223, RG400	S1/056	H3A	Nickel
MA15-0400-C04	RG142, RG223, RG400	S1/056	H3A	Passivated Stainless Steel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

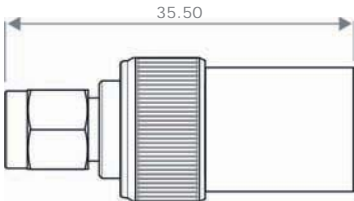
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
MA15-L240-C06	LMR240, LBC240	S1/071	H4A	Nickel
MA15-L240-C01	LMR240, LBC240	S1/071	H4A	Gold

Refer to pages 2-3 for strip dimensions. Refer to page 4-5 for crimp hex sizes.

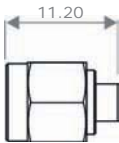
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
MA15-0519-C06	LMR400, LBC400	S1/083	H12A	Nickel

Refer to pages 2-3 for strip dimensions. Refer to page 4-5 for crimp hex sizes.

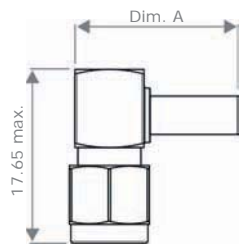
Solder Plug



Part Number	Cable Type	Strip Dims.	Plating
MA15-0402-R01	RG402, 141 semi-rigid	S4/001	Gold
MA15-0405-R01	RG405, 085 semi-rigid	S4/001	Gold

Refer to pages 2-3 for strip dimensions.

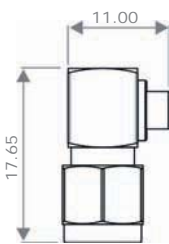
Crimp Right Angle Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating	Dim. A
MA17-0174-C01	RG174, RG188, RG316, LBC100	S1/074	H1A	Gold	16.90
MA17-0174-C06	RG174, RG188, RG316, LBC100	S1/074	H1A	Nickel	16.90
MA17-D316-C01	RD316, RG316DS	S1/072	H8A	Gold	18.40
MA17-D316-C06	RD316, RG316DS	S1/072	H8A	Nickel	18.40
MA17-0058-C01	RG58, URM43, LMR195, LBC195	S1/073	H3A	Gold	19.90
MA17-0058-C06	RG58, URM43, LMR195, LBC195	S1/073	H3A	Nickel	19.90
MA17-0400-C01	RG142, RG223, RG400	S1/073	H3A	Gold	19.90
MA17-0400-C06	RG142, RG223, RG400	S1/073	H3A	Nickel	19.90

Refer to pages 2-3 for strip dimensions. Refer to page 4-5 for crimp hex sizes.

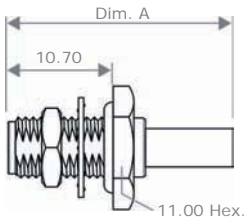
Solder Right Angle Plug



Part Number	Cable Type	Strip Dims.	Plating
MA17-0402-R01	RG402, 141 semi-rigid	S4/004	Gold
MA17-0405-R01	RG405, 085 semi-rigid	S4/004	Gold

Refer to pages 2-3 for strip dimensions.

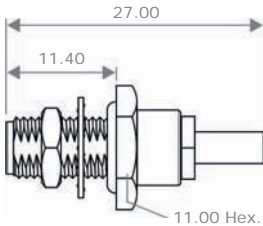
Crimp Bulkhead Jack - 11mm Hex. Flange



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Plating	Dim. A
MA02-0174-C01	RG174, RG188, RG316, LBC100	S1/056	H1A	PC6	Gold	23.50
MA02-0174-C06	RG174, RG188, RG316, LBC100	S1/056	H1A	PC6	Nickel	23.50
MA02-D316-C01	RD316, RG316DS	S1/056	H8A	PC6	Gold	25.00
MA02-D316-C06	RD316, RG316DS	S1/056	H8A	PC6	Nickel	25.00
MA02-0058-C01	RG58, URM43, LMR195, LBC195	S1/074	H3A	PC6	Gold	26.70
MA02-0058-C06	RG58, URM43, LMR195, LBC195	S1/074	H3A	PC6	Nickel	26.70
MA02-0400-C01	RG142, RG223, RG400	S1/074	H3A	PC6	Gold	26.70
MA02-0400-C06	RG142, RG223, RG400	S1/074	H3A	PC6	Nickel	26.70

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

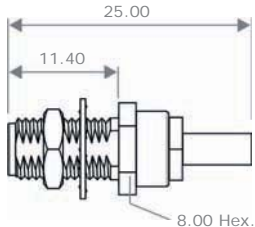
Crimp Bulkhead Jack - 11mm Hex. Flange



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Plating
MA02-0178-C01	RG178, RG196	S1/076	H15A	PC6	Gold

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

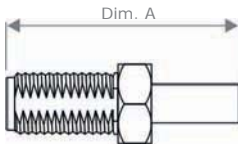
Crimp Bulkhead Jack - 8mm Hex. Flange



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Plating
MA02-0178-C01-8	RG178, RG196	S1/076	H15A	PC6	Gold

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

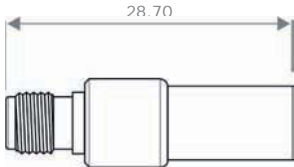
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating	Dim. A
MA10-0174-C01	RG174, RG188, RG316, LBC100	S1/056	H1A	Gold	24.30
MA10-0174-C06	RG174, RG188, RG316, LBC100	S1/056	H1A	Nickel	24.20
MA10-D316-C01	RD316, RG316DS	S1/056	H8A	Gold	25.80
MA10-D316-C06	RD316, RG316DS	S1/056	H8A	Nickel	25.80
MA10-0058-C01	RG58, URM43, LMR195, LBC195	S1/075	H3A	Gold	27.60
MA10-0058-C06	RG58, URM43, LMR195, LBC195	S1/075	H3A	Nickel	27.60
MA10-0400-C01	RG142, RG223, RG400	S1/075	H3A	Gold	27.60
MA10-0400-C06	RG142, RG223, RG400	S1/075	H3A	Nickel	27.60

Refer to pages 2-3 for strip dimensions. Refer to page 4-5 for crimp hex sizes.

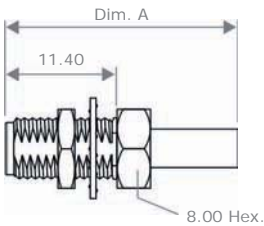
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
MA10-L240-C06	LMR240, LBC240	S1/071	H4A	Nickel
MA10-L240-C01	LMR240, LBC240	S1/071	H4A	Gold

Refer to pages 2-3 for strip dimensions. Refer to page 4-5 for crimp hex sizes.

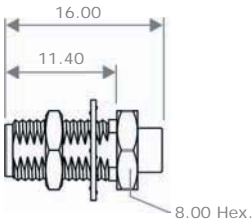
Crimp Bulkhead Jack - 8mm Hex. Flange



Part Number	Cable Type	Strip Dims.		Panel Cut	Plating	Dim. A
MA02-0174-C01-8	RG174, RG188, RG316, LBC100	S1/056	H1A	PC6	Gold	24.30
MA02-0174-C06-8	RG174, RG188, RG316, LBC100	S1/056	H1A	PC6	Nickel	24.30
MA02-D316-C01-8	RD316, RG316DS	S1/056	H8A	PC6	Gold	25.80
MA02-D316-C06-8	RD316, RG316DS	S1/056	H8A	PC6	Nickel	25.80
MA02-0058-C01-8	RG58, URM43, LMR195, LBC195	S1/075	H3A	PC6	Gold	27.60
MA02-0058-C06-8	RG58, URM43, LMR195, LBC195	S1/075	H3A	PC6	Nickel	27.60
MA02-0400-C01-8	RG142, RG223, RG400	S1/075	H3A	PC6	Gold	27.60
MA02-0400-C06-8	RG142, RG223, RG400	S1/075	H3A	PC6	Nickel	27.60

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

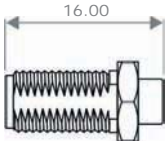
Solder Bulkhead Jack - 8mm Hex. Flange



Part Number	Cable Type	Strip Dims.	Panel Cut	Plating
MA02-0402-R01-8	RG402, 141 semi-rigid	S4/003	PC6	Gold
MA02-0405-R01-8	RG405, 085 semi-rigid	S4/003	PC6	Gold

Refer to pages 2-3 for strip dimensions. Refer to pages 6-7 for panel cut-outs.

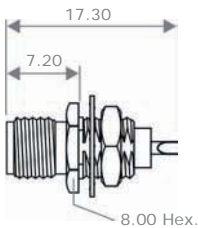
Solder Jack



Part Number	Cable Type	Strip Dims.	Plating
MA10-0402-R01	RG402, 141 semi-rigid	S4/003	Gold
MA10-0405-R01	RG405, 085 semi-rigid	S4/003	Gold

Refer to pages 2-3 for strip dimensions.

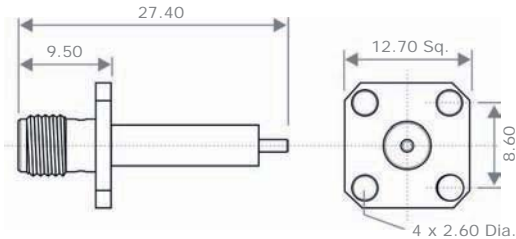
Panel Mount Jack



Part Number	Details	Panel Cut	Plating
MA62-X001-N01	Solder Receptacle Panel Jack	PC6	Gold
MA62-X001-N06	Solder Receptacle Panel Jack	PC6	Nickel

Refer to pages 6-7 for panel cut-outs.

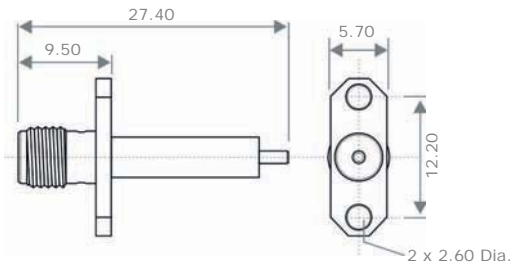
Flange Mount Jack - 4 hole



Part Number	Details	Panel Cut	Plating
MA06-X001-N01-3	4 Hole Flange Jack - Extended Dielectric	PC13	Gold
MA06-X001-N04-3	4 Hole Flange Jack - Extended Dielectric	PC13	Passivated Stainless Steel

Refer to pages 6-7 for panel cut-outs.

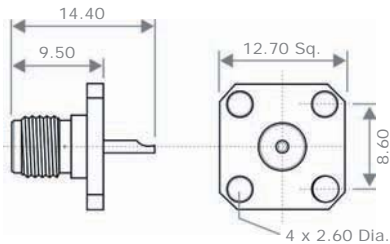
Flange Mount Jack - 2 hole



Part Number	Details	Panel Cut	Plating
MA36-X001-N01-3	2 Hole Flange Jack - Extended Dielectric	PC14	Gold
MA36-X001-N04-3	2 Hole Flange Jack - Extended Dielectric	PC14	Passivated Stainless Steel

Refer to pages 6-7 for panel cut-outs.

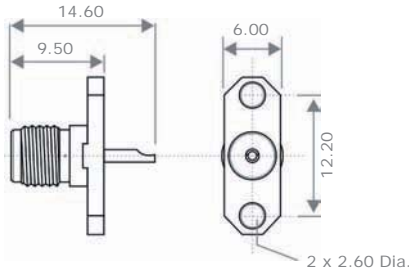
Flange Mount Jack - 4 hole, Flush Dielectric



Part Number	Details	Panel Cut	Plating
MA06-X001-N01	4 Hole Flange Jack	PC13	Gold

Refer to pages 6-7 for panel cut-outs.

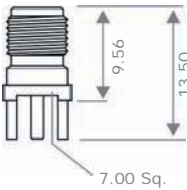
Flange Mount Jack - 2 hole, Flush Dielectric



Part Number	Details	Panel Cut	Plating
MA36-X001-N01	2 Hole Flange Jack	PC14	Gold

Refer to pages 6-7 for panel cut-outs.

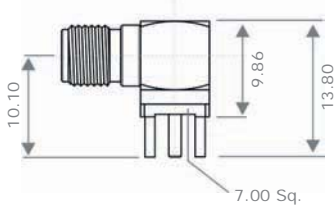
Vertical PCB Mount Jack



Part Number	Details	PCB Layout	Plating
MA10-X150-N01	Vertical PCB Mount Jack	FP8	Gold
MA10-X150-N06	Vertical PCB Mount Jack	FP8	Nickel

Refer to pages 6-7 for PCB layouts.

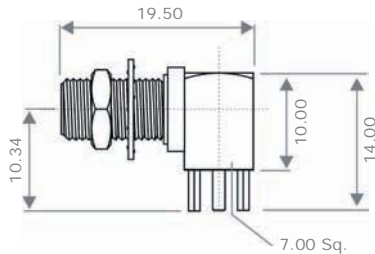
Right Angle PCB Mount Jack



Part Number	Details	PCB Layout	Plating
MA10-X170-N01	Right Angle PCB Mount Jack	FP8	Gold
MA10-X170-N06	Right Angle PCB Mount Jack	FP8	Nickel

Refer to pages 6-7 for PCB layouts.

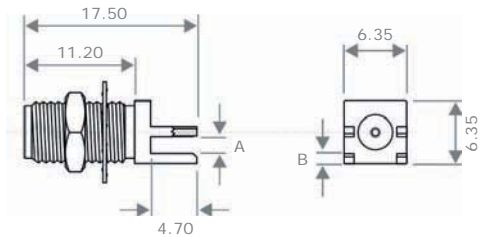
Bulkhead Right Angle PCB Mount Jack



Part Number	Details	PCB Layout	Panel Cut	Plating
MA02-X170-N01	Bulkhead Right Angle PCB Mount Jack	FP8	PC9	Gold
MA02-X170-N06	Bulkhead Right Angle PCB Mount Jack	FP8	PC9	Nickel

Refer to page 6-7 for panel cut-outs & PCB layouts.

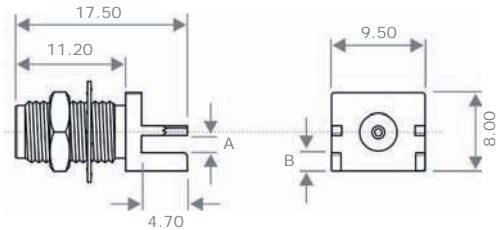
End Launch PCB Mount Bulkhead Jack - Square Flange



Part Number	Details	Panel Cut	Dim. A	Dim. B	Plating
MA02-X800-N01	End Launch Jack, 1.57mm PCB	PC9	1.73	1.00	Gold
MA02-X800-N01-1	End Launch Jack, 1.07mm PCB	PC9	1.22	1.57	Gold
MA02-X800-N01-2	End Launch Jack, 0.80mm PCB	PC9	0.95	1.85	Gold

Refer to pages 6-7 for panel cut-outs.

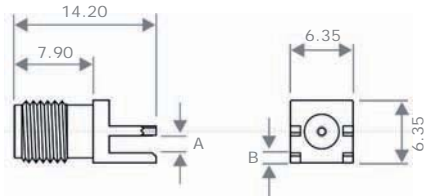
End Launch PCB Mount Bulkhead Jack - Rectangular Flange



Part Number	Details	Panel Cut	Dim. A	Dim. B	Plating
MA02-X800-N01-3	End Launch Jack, 1.57mm PCB	PC9	1.73	1.85	Gold
MA02-X800-N01-4	End Launch Jack, 1.07mm PCB	PC9	1.22	2.36	Gold
MA02-X800-N01-5	End Launch Jack, 0.80mm PCB	PC9	0.95	2.45	Gold

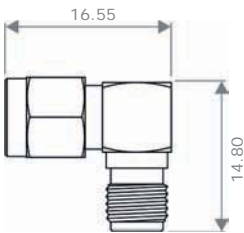
Refer to pages 6-7 for panel cut-outs.

End Launch PCB Mount Jack



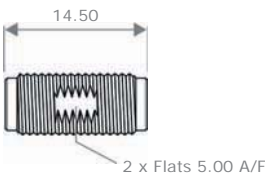
Part Number	Details	Dim. A	Dim. B	Plating
MA10-X800-N01	End Launch Jack, 1.57mm PCB	1.73	1.00	Gold
MA10-X800-N01-1	End Launch Jack, 1.07mm PCB	1.22	1.57	Gold
MA10-X800-N01-2	End Launch Jack, 0.80mm PCB	0.95	1.85	Gold

Right Angle Plug to Jack Adaptor



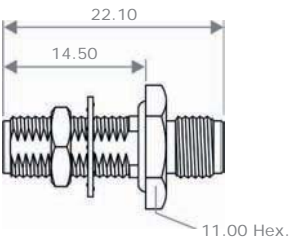
Part Number	Details	Plating
MA17-10-A01	Right Angle Plug to Jack Adaptor	Gold

Jack to Jack Adaptor



Part Number	Details	Plating
MA10-10-A01	Jack to Jack Adaptor	Gold

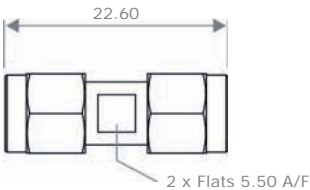
Bulkhead Jack to Jack Adaptor



Part Number	Details	Panel Cut	Plating
MA02-10-A01	Bulkhead Jack to Jack Adaptor	PC6	Gold

Refer to pages 6-7 for panel cut-outs.

Plug to Plug Adaptor



Part Number	Details	Plating
MA15-15-A01	Plug to Plug Adaptor	Gold

SMA RP Plug (Female)

SMA RP Jack (Male)



ELECTRICAL	
Impedance	50 ohms
Maximum Interface Frequency	DC to 12.4GHz
VSWR: Straight / Right Angle	1.15 + 0.01f(GHz)
Insertion Loss	0.2dB Maximum
RF Leakage	-60dB Maximum
Insulation Resistance	5000 Megaohms Minimum
Inner Contact Resistance	3 milliohms Maximum
Outer Contact Resistance	2 milliohms Maximum
Working Voltage	RG400: 500 Volts, RG316: 335V
Dielectric Withstanding Voltage	RG400: 1000 Volts, RG316: 750V

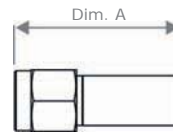
MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C
Mating Torque	0.79 to 1.13NM (7-10 inch pounds)

MATERIALS	
Bodies	Brass, Nickel or Gold Plated
Pins	Brass, Gold Plated
Contacts	Beryllium Copper, Gold Plated
Ferrules	Brass, Nickel or Gold Plated
Insulators	PTFE
End Caps	Brass, Nickel or Gold Plated
Gaskets	Silicon Rubber
Springs	Brass, Nickel or Gold Plated
Panel Nuts	Brass, Nickel or Gold Plated
Panel Washers	Brass, Nickel or Gold Plated

Where applicable all products are manufactured in accordance with MIL-C-39012. Published specifications are typical although variations will occur. For further information consult our web site at www.gigatronix.com or contact a member of our technical sales team. Technical datasheets are available on request.

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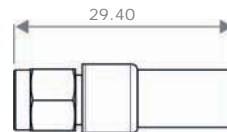
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating	Dim. A
MA15-0174-C01-R	RG174, RG188, RG316, LBC100	S1/077	H1A	Gold	19.20
MA15-0174-C06-R	RG174, RG188, RG316, LBC100	S1/077	H1A	Nickel	19.20
MA15-D316-C01-R	RD316, RG316DS	S1/077	H8A	Gold	21.50
MA15-D316-C06-R	RD316, RG316DS	S1/077	H8A	Nickel	21.50
MA15-0058-C01-R	RG58, URM43, LMR195, LBC195	S1/056	H3A	Gold	23.10
MA15-0058-C06-R	RG58, URM43, LMR195, LBC195	S1/056	H3A	Nickel	23.10
MA15-0400-C01-R	RG142, RG223, RG400	S1/056	H3A	Gold	23.10
MA15-0400-C06-R	RG142, RG223, RG400	S1/056	H3A	Nickel	23.10

Refer to pages 2-3 for strip dimensions. Refer to page 4-5 for crimp hex sizes.

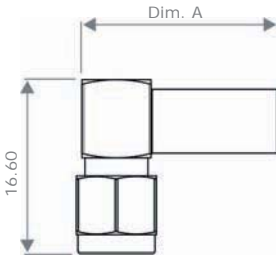
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
MA15-L240-C01-R	LMR240, LBC240	S1/071	H4A	Gold
MA15-L240-C06-R	LMR240, LBC240	S1/071	H4A	Nickel

Refer to pages 2-3 for strip dimensions. Refer to page 4-5 for crimp hex sizes.

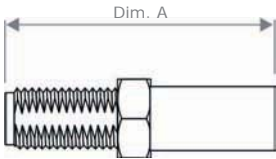
Crimp Right Angle Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating	Dim. A
MA17-0174-C01-R	RG174, RG188, RG316, LBC100	S1/072	H1A	Gold	17.60
MA17-0174-C06-R	RG174, RG188, RG316, LBC100	S1/072	H1A	Nickel	17.60
MA17-D316-C01-R	RD316, RG316DS	S1/072	H8A	Gold	19.10
MA17-D316-C06-R	RD316, RG316DS	S1/072	H8A	Nickel	19.10
MA17-0058-C01-R	RG58, URM43, LMR195, LBC195	S1/073	H3A	Gold	19.70
MA17-0058-C06-R	RG58, URM43, LMR195, LBC195	S1/073	H3A	Nickel	19.70
MA17-0400-C01-R	RG142, RG223, RG400	S1/073	H3A	Gold	19.70
MA17-0400-C06-R	RG142, RG223, RG400	S1/073	H3A	Nickel	19.70

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

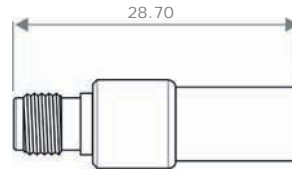
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating	Dim. A
MA10-0174-C01-R	RG174, RG188, RG316, LBC100	S1/056	H1A	Gold	24.30
MA10-0174-C06-R	RG174, RG188, RG316, LBC100	S1/056	H1A	Nickel	24.30
MA10-D316-C01-R	RD316, RG316DS	S1/056	H8A	Gold	25.80
MA10-D316-C06-R	RD316, RG316DS	S1/056	H8A	Nickel	25.80
MA10-0058-C01-R	RG58, URM43, LMR195, LBC195	S1/056	H3A	Gold	27.50
MA10-0058-C06-R	RG58, URM43, LMR195, LBC195	S1/056	H3A	Nickel	27.50
MA10-0400-C01-R	RG142, RG223, RG400	S1/056	H3A	Gold	27.50
MA10-0400-C06-R	RG142, RG223, RG400	S1/056	H3A	Nickel	27.50

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

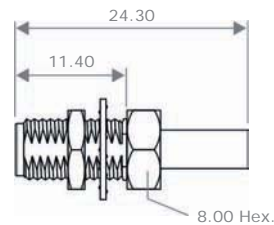
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Plating
MA10-L240-C01-R	LMR240, LBC240	S1/071	H4A	Gold
MA10-L240-C06-R	LMR240, LBC240	S1/071	H4A	Nickel

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Plating	Dim. A
MA02-0174-C01-R	RG174, RG188, RG316, LBC100	S1/056	H1A	PC6	Gold	24.30
MA02-0174-C06-R	RG174, RG188, RG316, LBC100	S1/056	H1A	PC6	Nickel	24.30
MA02-D316-C01-R	RD316, RG316DS	S1/056	H8A	PC6	Gold	25.80
MA02-D316-C06-R	RD316, RG316DS	S1/056	H8A	PC6	Nickel	25.80
MA02-0058-C01-R	RG58, URM43, LMR195, LBC195	S1/056	H3A	PC6	Gold	27.50
MA02-0058-C06-R	RG58, URM43, LMR195, LBC195	S1/056	H3A	PC6	Nickel	27.50
MA02-0400-C01-R	RG142, RG223, RG400	S1/056	H3A	PC6	Gold	27.50
MA02-0400-C06-R	RG142, RG223, RG400	S1/056	H3A	PC6	Nickel	27.50

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

SMB Plug (Female)

SMB Jack (Male)



ELECTRICAL	
Impedance	50 ohms
Maximum Interface Frequency	DC to 4GHz
VSWR: Straight / Right Angle	1.25 + 0.04f(GHz)
Insertion Loss	0.4dB Maximum
RF Leakage	-55dB Maximum
Insulation Resistance	1000 Megaohms Minimum
Inner Contact Resistance	6 milliohms Maximum
Outer Contact Resistance	1 milliohms Maximum
Working Voltage	335V RMS Maximum
Dielectric Withstanding Voltage	750V RMS Maximum

MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C

MATERIALS	
Bodies	Brass, Gold Plated
Pins	Brass, Gold Plated
Contacts	Beryllium Copper, Gold Plated
Ferrules	Brass, Gold Plated
Insulators	PTFE
End Caps	Brass, Gold Plated
Gaskets	Silicon Rubber
Springs	Brass, Gold Plated
Panel Nuts	Brass, Gold Plated
Panel Washers	Brass, Gold Plated

Where applicable all products are manufactured in accordance with MIL-C-39012. Published specifications are typical although variations will occur. For further information consult our web site at www.gigatronix.com or contact a member of our technical sales team. Technical datasheets are available on request.

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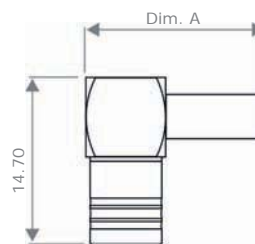
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Dim. A
MB15-0174-C01	RG174, RG188, RG316, LBC100	S1/059	H1	50 ohms	20.10
MB15-D316-C01	RD316, RG316DS	S1/059	H8	50 ohms	22.40
MB15-0179-C01	RG179, RG187	S1/059	H1	50 ohms	20.10
MB15-0178-C01	RG178, RG196	S1/087	H1	50 ohms	21.90

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

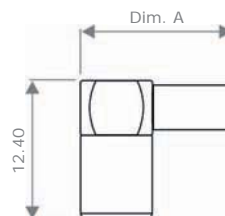
Crimp Right Angle Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Dim. A
MB17-0174-C01	RG174, RG188, RG316, LBC100	S1/060	H1A	50 ohms	15.70
MB17-D316-C01	RD316, RG316DS	S1/060	H8A	50 ohms	18.00
MB17-0179-C01	RG179, RG187	S1/060	H1A	50 ohms	15.70
MB17-0178-C01	RG178, RG196	S1/060	H15A	50 ohms	14.00

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

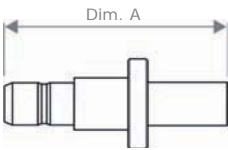
Crimp Right Angle Plug - Low Profile



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Dim. A
MB17-0174-C01-LP	RG174, RG188, RG316, LBC100	S1/078	H1A	50 ohms	13.35
MB17-D316-C01-LP	RD316, RG316DS	S1/078	H8A	50 ohms	17.35
MB17-0179-C01-LP	RG179, RG187	S1/078	H1A	50 ohms	13.35

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

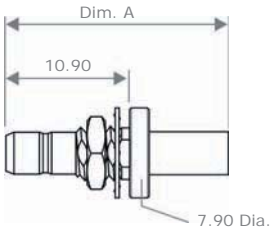
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Dim. A
MB10-0174-C01	RG174, RG188, RG316, LBC100	S1/059	H1	50 ohms	19.60
MB10-D316-C01	RD316, RG316DS	S1/059	H8	50 ohms	23.60
MB10-0179-C01	RG179, RG187	S1/059	H1	50 ohms	19.60
MB10-0178-C01	RG178, RG196	S1/087	H1	50 ohms	23.10

Refer to pages 2-3 for strip dimensions. Refer to page 4-5 for crimp hex sizes.

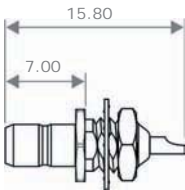
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance	Dim. A
MB02-0174-C01	RG174, RG188, RG316, LBC100	S1/059	H1	PC5	50 ohms	19.60
MB02-D316-C01	RD316, RG316DS	S1/059	H8	PC5	50 ohms	23.60
MB02-0179-C01	RG179, RG187	S1/059	H1	PC5	50 ohms	19.60
MB02-0178-C01	RG178, RG196	S1/087	H1	PC5	50 ohms	23.10

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs

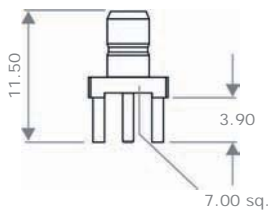
Panel Jack - Front Entry



Part Number	Details	Panel Cut	Impedance
MB62-X001-N01	Panel Jack Solder Receptacle	PC5	50 ohms

Refer to pages 6-7 for panel cut-outs

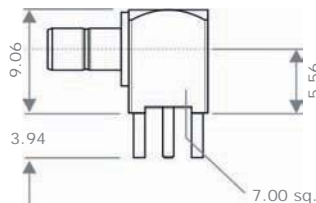
Vertical PCB Mount Jack



Part Number	Details	PCB Layout
MB10-X150-N01	Vertical PCB Mount Jack	FP6

Refer to pages 6-7 for PCB layouts.

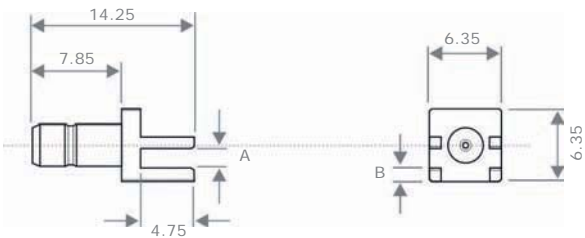
Right Angle PCB Mount Jack



Part Number	Details	PCB Layout
MB10-X170-N01	Right Angle PCB Mount Jack	FP6

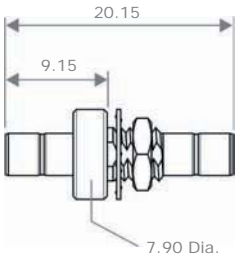
Refer to pages 6-7 for PCB layouts.

End Launch PCB Mount Jack



Part Number	Details	Dim. A	Dim. B
MB10-X800-N01	End Launch Jack, 1.57mm PCB	1.73	1.19

Bulkhead Jack to Jack



Part Number	Details	Panel Cut
MB02-10-A01	Bulkhead Jack to Jack Adaptor	PC5

Refer to pages 6-7 for panel cut-outs.

SMB Plug (Female)



SMB Jack (Male)



ELECTRICAL	
Impedance	75 ohms
Maximum Interface Frequency	DC to 2GHz
VSWR: Straight / Right Angle	1.25 + 0.04f(GHz)
Insertion Loss	0.4dB Maximum
RF Leakage	-55dB Maximum
Insulation Resistance	1000 Megaohms Minimum
Inner Contact Resistance	6 milliohms Maximum
Outer Contact Resistance	1 milliohms Maximum
Working Voltage	335V RMS Maximum
Dielectric Withstanding Voltage	750V RMS Maximum

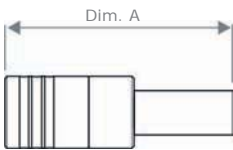
MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C

MATERIALS	
Bodies	Brass, Gold Plated
Pins	Brass, Gold Plated
Contacts	Beryllium Copper, Gold Plated
Ferrules	Brass, Gold Plated
Insulators	PTFE
End Caps	Brass, Gold Plated
Gaskets	Silicon Rubber
Springs	Brass, Gold Plated
Panel Nuts	Brass, Gold Plated
Panel Washers	Brass, Gold Plated

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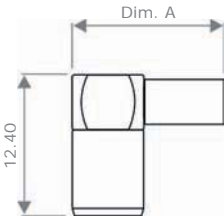
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Dim. A
MB15-0179-C01-Z	RG179, RG187	S1/059	H1	20.10
MB15-D179-C01-Z	RD179, RG179DS	S1/059	H8	22.40

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

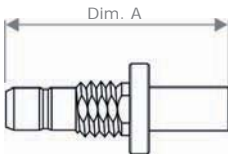
Crimp Right Angle Plug - Low Profile



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Dim. A
MB17-0179-C01-Z-LP	RG179, RG187	S1/078	H1A	13.35
MB17-D179-C01-Z-LP	RD179, RG179DS	S1/078	H8A	17.35

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

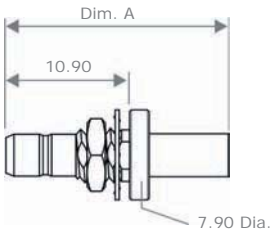
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Dim. A
MB10-0179-C01-Z	RG179, RG187	S1/059	H1	19.60
MB10-D179-C01-Z	RD179, RG179DS	S1/059	H8	23.60

Refer to pages 2-3 for strip dimensions. Refer to page 4-5 for crimp hex sizes

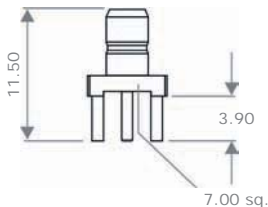
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Fig.
MB02-O179-C01-Z	RG179, RG187	S1/059	H1	PC5	19.60
MB02-D179-C01-Z	RD179, RG179DS	S1/059	H8	PC5	23.60

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs

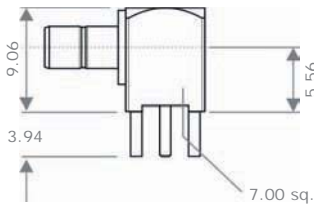
Vertical PCB Mount Jack



Part Number	Details	PCB Layout
MB10-X150-N01-Z	Vertical PCB Mount Jack	FP6

Refer to pages 6-7 for PCB layouts.

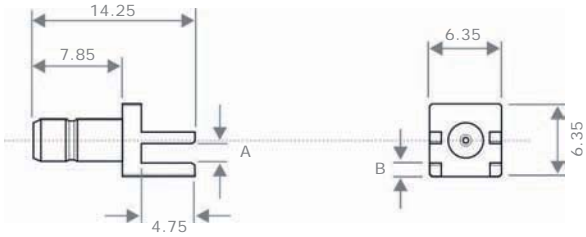
Right Angle PCB Mount Jack



Part Number	Details	PCB Layout
MB10-X170-N01-Z	Right Angle PCB Mount Jack	FP6

Refer to pages 6-7 for PCB layouts.

End Launch PCB Mount Jack



Part Number	Details	Dim. A	Dim. B
MB10-X800-N01-Z	End Launch Jack, 1.57mm PCB	1.73	1.19

SMC Plug (Female)



SMC Jack (Male)



ELECTRICAL	
Impedance	50 ohms
Frequency	DC to 10GHz
VSWR: Straight / Right Angle	1.15 + 0.04f(GHz)
Insertion Loss	0.4dB Maximum
RF Leakage	-55dB Maximum
Insulation Resistance	1000 Megaohms Minimum
Inner Contact Resistance	6 milliohms Maximum
Outer Contact Resistance	1 milliohms Maximum
Working Voltage	335V RMS Maximum
Dielectric Withstanding Voltage	750V RMS Maximum

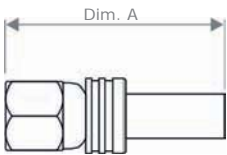
MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C

MATERIALS	
Bodies	Brass, Gold Plated
Pins	Brass, Gold Plated
Contacts	Beryllium Copper, Gold Plated
Ferrules	Brass, Gold Plated
Insulators	PTFE
End Caps	Brass, Gold Plated
Gaskets	Silicon Rubber
Springs	Brass, Gold Plated
Panel Nuts	Brass, Gold Plated
Panel Washers	Brass, Gold Plated

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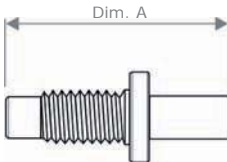
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Dim. A
MC15-0174-C01	RG174, RG188, RG316, LBC100	S1/062	H1	50 ohms	19.30
MC15-D316-C01	RD316, RG316DS	S1/062	H8	50 ohms	21.60
MC15-0178-C01	RG178, RG196	S1/087	H1	50 ohms	21.10

Refer to pages 2-3 for strip dimensions. Refer to page 4-5 for crimp hex sizes

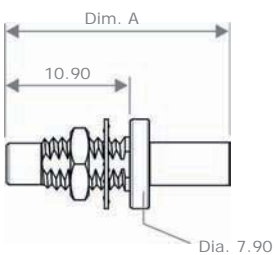
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance	Dim. A
MC10-0174-C01	RG174, RG188, RG316, LBC100	S1/064	H1	50 ohms	19.60
MC10-D316-C01	RD316, RG316DS	S1/064	H8	50 ohms	23.60
MC10-0178-C01	RG178, RG196	S1/087	H1	50 ohms	23.10

Refer to pages 2-3 for strip dimensions. Refer to page 4-5 for crimp hex sizes

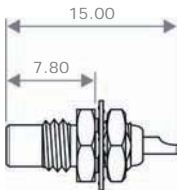
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Impedance	Dim. A
MC02-0174-C01	RG174, RG188, RG316, LBC100	S1/064	H1	PC5	50 ohms	19.60
MC02-D316-C01	RD316, RG316DS	S1/064	H8	PC5	50 ohms	23.60
MC02-0178-C01	RG178, RG196	S1/087	H1	PC5	50 ohms	23.10

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs

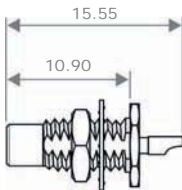
Panel Jack - Front Entry



Part Number	Details	Panel Cut	Impedance
MC62-X001-N01	Panel Jack Solder Receptacle	PC5	50 ohms

Refer to pages 6-7 for panel cut-outs

Panel Jack - Rear Entry



Part Number	Details	Panel Cut
MC02-X001-N01	Panel Jack Solder Receptacle	PC5

Refer to pages 6-7 for panel cut-outs

Type 43 Plug (Male)



Type 43 Socket (Female)



ELECTRICAL	
Impedance	75 ohms
Maximum Interface Frequency	DC to 4GHz
VSWR: Straight / Right Angle	1.3 Maximum
Insertion Loss	0.25dB Maximum at 4GHz
RF Leakage	-55 dB Minimum
Insulation Resistance	3000 Megaohms Minimum
Inner Contact Resistance	5 milliohms Maximum
Outer Contact Resistance	2 milliohms Maximum
Working Voltage	500V RMS Maximum
Dielectric Withstanding Voltage	1500V RMS Maximum

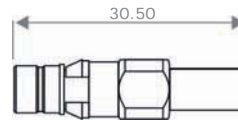
MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Cable breaking strain
Temperature Range	-55 to +85 degrees C

MATERIALS	
Bodies	Brass, Gold or Nickel Plated
Pins	Brass, Gold Plated
Contacts	Beryllium Copper, Gold Plated
Ferrules	Brass, Nickel Plated
Insulators	PTFE

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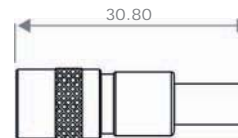
Crimp HDC Plugs



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Short Ref.	Impedance
MZ02-2002-C06	BT2002	S1/065	H13T	2GTIS	75 ohms
MZ02-2003-C06	BT2003	S1/065	H14T	3GTIS	75 ohms
MZ02-3002-C06	BT3002	S1/065	H2T	5GTIS	75 ohms
MZ02-7000-C06	RA7000	S1/065	H13T	7GTIS	75 ohms
MZ02-8000-C06	RA8000	S1/065	H1T	8GTIS	75 ohms
MZ02-0179-C06	RG179	S1/065	H1T	4GTIS	75 ohms
MZ02-D179-C01	RD179, RG179DS	S1/065	H8T	D179/GTIS	75 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

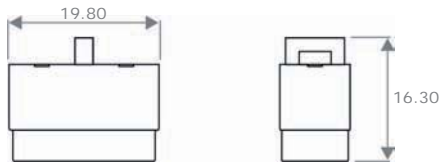
Crimp HDC Socket



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Short Ref.	Impedance
MZ15-2002-C06	BT2002	S1/065	H13T	2FS	75 ohms
MZ15-2003-C06	BT2003	S1/065	H14T	3FS	75 ohms
MZ15-3002-C06	BT3002	S1/065	H2T	5FS	75 ohms
MZ15-7000-C06	RA7000	S1/065	H13T	7FS	75 ohms
MZ15-8000-C06	RA8000	S1/065	H1T	8FS	75 ohms
MZ15-0179-C06	RG179	S1/065	H1T	4FS	75 ohms
MZ15-D179-C01	RD179, RG179DS	S1/065	H8T	D179/FS	75 ohms

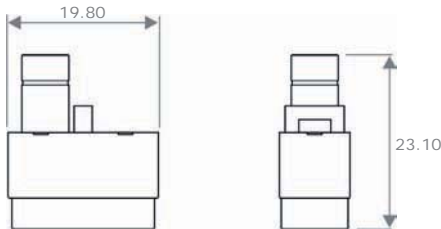
Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

HDC U Link



Part Number	Details	Short Ref.	Impedance
MZ10-1510-A06-10A	HDC U link	ULINK10A	75 ohms

HDC U Link with Test Port



Part Number	Details	Short Ref.	Impedance
MZ10-1510-A06-10B	HDC U link with test port	ULINK10B	75 ohms

TNC Plug (Male)



TNC Jack (Female)



ELECTRICAL	
Impedance	50 ohms
Maximum Interface Frequency	DC to 11GHz
VSWR: Straight / Right Angle	1.3 Maximum / 1.5 Maximum
Insertion Loss	0.25dB Maximum at 4GHz
RF Leakage	-55 dB Minimum
Insulation Resistance	5000 Megaohms Minimum
Inner Contact Resistance	3 milliohms Maximum
Outer Contact Resistance	2 milliohms Maximum
Working Voltage	500 Volts RMS Maximum
Dielectric Withstanding Voltage	1500 Volts RMS Maximum

MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Equal to cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C
	Delrin: -55 to +85 degrees C

MATERIALS	
Bodies	Brass, Nickel Plated
Pins	Brass, Gold Plated
Contacts	Phosphor Bronze, Gold Plated
Ferrules	Brass, Nickel Plated
Insulators	PTFE or Delrin
End Caps	Brass, Nickel Plated
Gaskets	Silicon Rubber
Springs	Steel, Nickel Plated
Panel Nuts	Brass, Nickel Plated
Panel Washers	Brass or Steel, Nickel Plated

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Crimp Plug

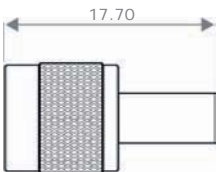


FIG.1

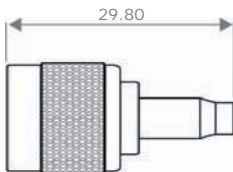
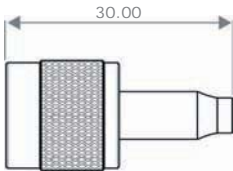


FIG.2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Fig.
TN15-L200-C06	LMR200	S1/017	H3A	1
TN15-L240-C06	LMR240, LBC240	S1/017	H4	1
TN15-D316-C06 ¹	RD316, RG316DS	S1/011	H2	1
TN15-0400-C06	RG142, RG223, RG400	S1/017	H3	1
TN15-0223-C06 ¹	RG142, RG223, RG400	S1/017	H3	1
TN15-0174-C06 ¹	RG174, RG188, RG316, LBC100	S1/011	H2	2
TN15-0058-C06	RG58, URM43, LMR195, LBC195	S1/017	H3	1
TN15-0058-C06-2 ¹	RG58, URM43, LMR195, LBC195	S1/017	H3	1
TN15-0059-C06	RG59, URM70	S1/017	H4	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.
¹ PTFE Dielectric version recommended for PTFE/FEP cables.

Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.
TN15-0174-C06-1	RG174, RG188, RG316, LBC100	S1/012	H3
TN15-0179-C06-1	RG179, RG187, RG179PE	S1/012	H3

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Plug

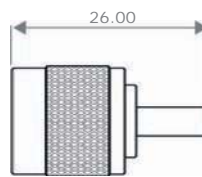


FIG.1

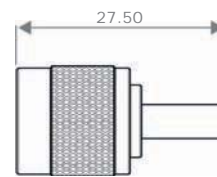
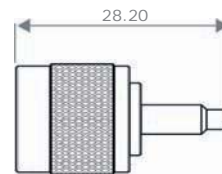


FIG.2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Fig.
TN15-3161-C06	RG174, RG188, RG316	S1/084	H1	1
TN15-3162-C06	RD316, RG316DS	S1/084	H8	2
TN15-1791-C06	RG179, RG187, RG179PE	S1/084	H1	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

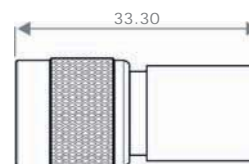
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.
TN15-0178-C06	RG178, RG196	S1/090	H1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

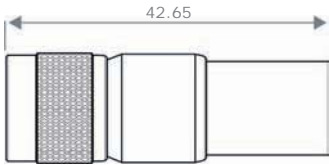
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.
TN15-0011-C06	RG11	S1/013	H6
TN15-0213-C06	RG213	S1/013	H6
TN15-0214-C06	RG214	S1/013	H6
TN15-0519-C06	LMR400, LBC400, Belden 9913	S1/013	H12

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

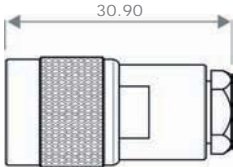
Crimp Plug - Integral Pin



Part Number	Cable Type	Strip Dims.	Crimp Hex.
TN15-0519-C06-2	LMR400, LBC400, Belden 9913	S1/018	H6B

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

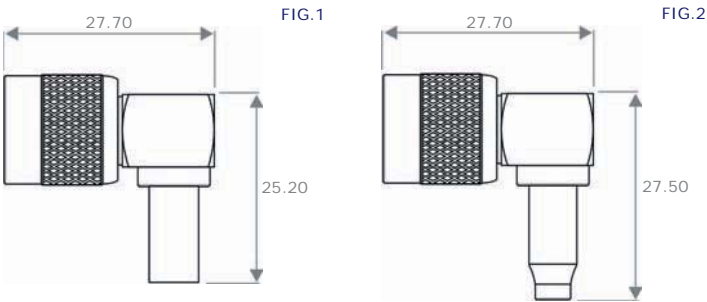
Clamp Plug - Compression Fixing



Part Number	Cable Type	Strip Dims.
TN15-0174-L06-2	RG174, RG188, RG316, RD316, LBC100	S2/037
TN15-0223-L06-2	RG58, RG142, RG223, RG400, LBC195, URM43	S2/038

Refer to pages 2-3 for strip dimensions.

Crimp Right Angle Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Fig.
TN17-L240-C06	LBC240, LMR240	S1/079	H4A	1
TN17-0400-C06	RG142, RG223, RG400	S1/035	H3A	1
TN17-0174-C06-1	RG174, RG188, RG316, LBC100	S1/012	H3A	2
TN17-0179-C06-1	RG179, RG187, RG179PE	S1/012	H3A	2
TN17-0058-C06	RG58, URM43, LBC195, LMR200	S1/035	H3A	1
TN17-0059-C06	RG59, URM70	S1/014	H4A	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Jack

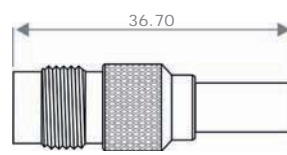


FIG.1

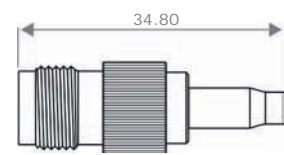
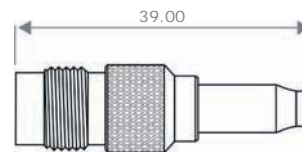


FIG.2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Fig.
TN10-L200-C06	LMR200	S1/017	H3A	1
TN10-L240-C06	LMR240, LBC240	S1/017	H4	1
TN10-D316-C06	RD316, RG316DS	S1/017	H2	1
TN10-0400-C06	RG142, RG223, RG400	S1/017	H3	1
TN10-0174-C06	RG174, RG188, RG316, LBC100	S1/017	H2	2
TN10-0058-C06	RG58, URM43, LBC195	S1/017	H3	1
TN10-0059-C06	RG59, URM70	S1/017	H4	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.
TN10-0174-C06-1	RG174, RG188, RG316, LBC100	S1/012	H3
TN10-0179-C06-1	RG179, RG187, RG179PE	S1/012	H3

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Jack

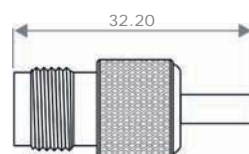


FIG.1

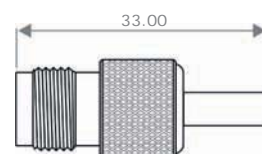
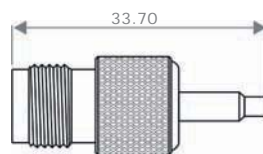


FIG.2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Fig.
TN10-3162-C06	RD316, RG316DS	S1/084	H8	2
TN10-3161-C06	RG174, RG188, RG316, LBC100	S1/084	H1	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

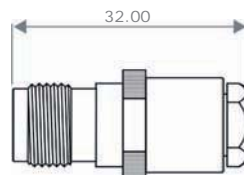
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Impedance
TN10-0178-C06	RG178, RG196	S1/084	H1	50 ohms

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Clamp Jack - Compression Fixing



Part Number	Cable Type	Strip Dims.	Impedance
TN10-0174-L06-2	RG174, RG188, RG316, RD316, RG316DS, LBC100	S2/037	50 ohms
TN10-0223-L06-2	RG58, RG142, RG223, RG400, URM43, LBC195	S2/038	50 ohms

Refer to pages 2-3 for strip dimensions.

Crimp Bulkhead Jack

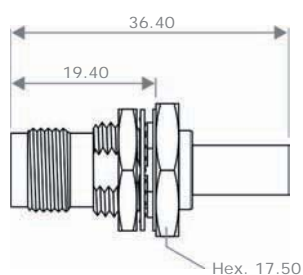


FIG. 1

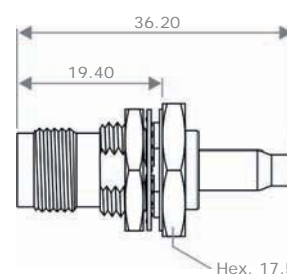


FIG. 2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Fig.
TN02-L200-C06	LMR200	S1/011	H3A	PC1	1
TN02-L240-C06	LMR240, LBC240	S1/011	H4	PC1	1
TN02-D316-C06	RD316, RG316DS	S1/011	H2	PC1	1
TN02-0400-C06	RG142, RG223, RG400	S1/011	H3	PC1	1
TN02-0174-C06	RG174, RG188, RG316, LBC100	S1/011	H2	PC1	2
TN02-0179-C06	RG179, RG187	S1/011	H2	PC1	2
TN02-0058-C06	RG58, URM43, LBC195	S1/011	H3	PC1	1
TN02-0059-C06	RG59, URM70	S1/011	H4	PC1	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

Crimp Bulkhead Jack

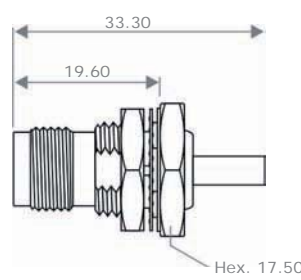


FIG.1

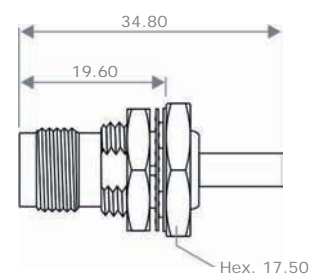
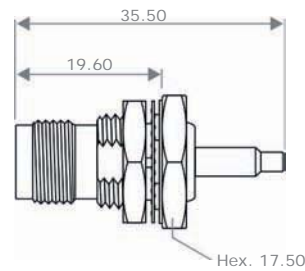


FIG.2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Fig.
TN02-3161-C06-31	RG174, RG188, RG316, LBC100	S1/090	H1	PC1	1
TN02-3162-C06-31	RD316, RG316DS	S1/090	H8	PC1	2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

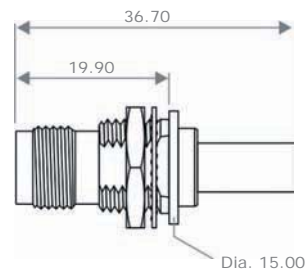
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut
TN02-0178-C06-31	RG178, RG196	S1/090	H1	PC1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

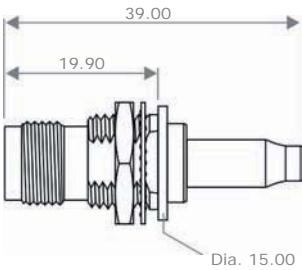
Crimp Bulkhead Jack - Circular Flange



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut
TN02-0058-C06-2	RG58, URM43, LBC195	S1/011	H3	PC1
TN02-0400-C06-2	RG142, RG223, RG400	S1/011	H3	PC1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

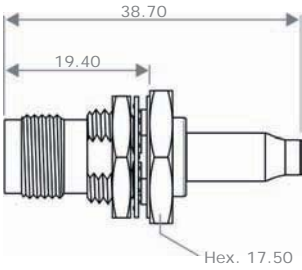
Crimp Bulkhead Jack - Circular Flange



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut
TN02-0174-C06-1	RG174, RG316, RG188, LBC100	S1/024	H3	PC1
TN02-0179-C06-1	RG179, RG187, RG179PE	S1/024	H3	PC1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

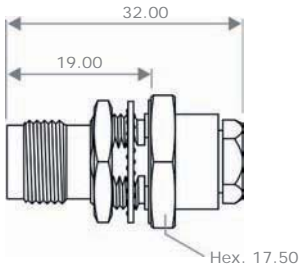
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut
TN02-0174-C06-7	RG174, RG316, RG188, LBC100	S1/012	H3	PC1
TN02-0179-C06-7	RG179, RG187, RG179PE	S1/012	H3	PC1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

Clamp Bulkhead Jack - Compression Fixing



Part Number	Cable Type	Strip Dims.	Panel Cut
TN02-0174-L06-2	RG174, RG188, RG316, RD316, RG316DS, LBC100	S2/037	PC1
TN02-0223-L06-2	RG58, RG142, RG223, RG400, URM43, LBC195	S2/038	PC1

Refer to pages 2-3 for strip dimensions. Refer to pages 6-7 for panel cut-outs.

Crimp Panel Jack

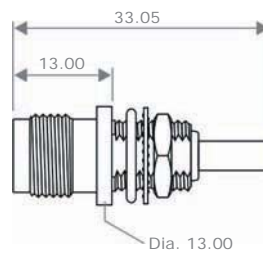


FIG. 1

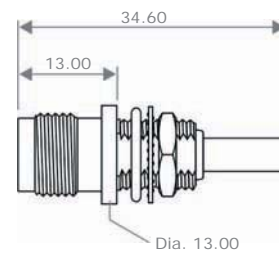
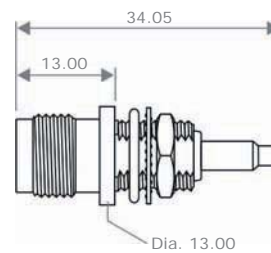


FIG. 2

Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut	Fig.
TN62-3162-C06	RD316, RG316DS	S1/090	H8	PC2	2
TN62-3161-C06	RG174, RG316, RG188, LBC100	S1/090	H1	PC2	1
TN62-1791-C06	RG179, RG187, RG179PE	S1/090	H1	PC2	1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

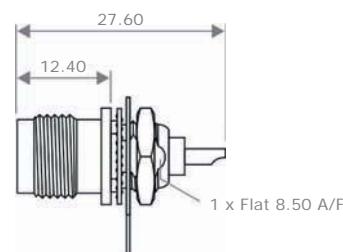
Crimp Panel Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut
TN62-0178-C06	RG178, RG196	S1/090	H1	PC2

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes. Refer to pages 6-7 for panel cut-outs.

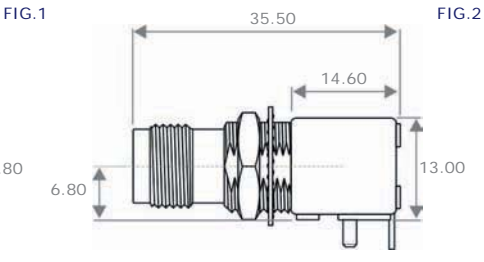
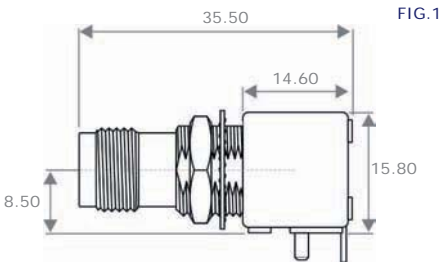
Panel Jack Solder Receptacle



Part Number	Details	Panel Cut
TN62-X001-N06	Brass Body, Delrin Dielectric	PC2
TN62-X001-N06-2	Brass Body, PTFE Dielectric	PC2

Refer to pages 6-7 for panel cut-outs.

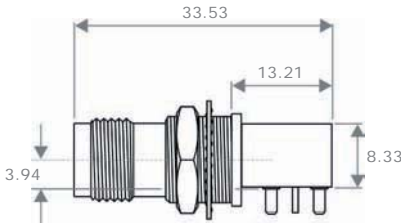
Right Angle PCB Mount Jack - Shielded



Part Number	Details	PCB Layout	Panel Cut	Fig.
TN02-X600-N06	Zinc Alloy, Nickel Plated	FP11	PC1	1
TN02-X600-N06-2	Zinc Alloy, Nickel Plated	FP11	PC1	2

Refer to page 6-7 for panel cut-outs & PCB layouts.

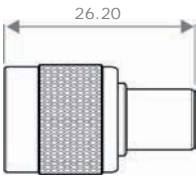
Right Angle PCB Mount Jack - Shielded



Part Number	Details	PCB Layout	Panel Cut	Impedance
TN02-X600-N11-4	Zinc Alloy, Tin Plated	FP3	PC1	50 ohms

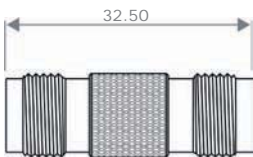
Refer to page 6-7 for panel cut-outs & PCB layouts.

Terminator



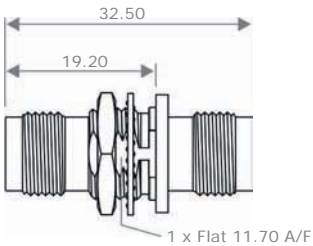
Part Number	Details
TN15-50-A06	Terminator, 1/2 watt

Jack to Jack Adaptor



Part Number	Details
TN10-10-A06	Brass Body, Nickel Plated

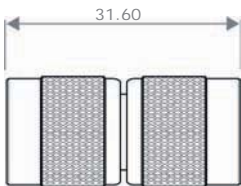
Bulkhead Jack to Jack Adaptor



Part Number	Details	Panel Cut
TN02-10-A06	Brass Body, Nickel Plated	PC1

Refer to pages 6-7 for panel cut-outs.

Plug to Plug Adaptor



Part Number	Details
TN15-15-A06	Brass Body, Nickel Plated

TNC RP Plug (Female)



TNC RP Jack (Male)



ELECTRICAL	
Impedance	50 ohms
Frequency	DC to 11GHz
VSWR: Straight / Right Angle	1.3 Maximum / 1.5 Maximum
Insertion Loss	0.25dB Maximum at 4GHz
RF Leakage	-55 dB Minimum
Insulation Resistance	5000 Megaohms Minimum
Inner Contact Resistance	3 milliohms Maximum
Outer Contact Resistance	2 milliohms Maximum
Working Voltage	500 Volts RMS Maximum
Dielectric Withstanding Voltage	1500 Volts RMS Maximum

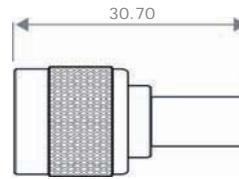
MECHANICAL & ENVIRONMENTAL	
Durability	500 mating cycles
Cable Retention	Equal to cable breaking strain
Temperature Range	PTFE: -65 to +165 degrees C
	Delrin: -55 to +85 degrees C

MATERIALS	
Bodies	Brass, Nickel Plated
Pins	Brass, Gold Plated
Contacts	Phosphor Bronze, Gold Plated
Ferrules	Brass, Nickel Plated
Insulators	PTFE or Delrin
End Caps	Brass, Nickel Plated
Gaskets	Silicon Rubber
Springs	Steel, Nickel Plated
Panel Nuts	Brass, Nickel Plated
Panel Washers	Brass or Steel, Nickel Plated

Where applicable all products are manufactured in accordance with MIL-C-39012. Published specifications are typical although variations will occur. For further information consult our web site at www.gigatronix.com or contact a member of our technical sales team. Technical datasheets are available on request.

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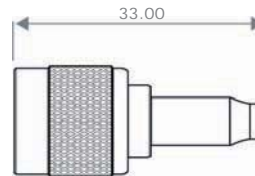
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.
TN15-0400-C06-R	RG142, RG223, RG400	S1/017	H3
TN15-0058-C06-R	RG58, URM43, LBC195	S1/017	H3

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

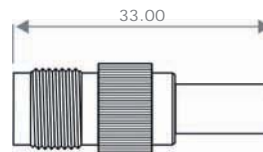
Crimp Plug



Part Number	Cable Type	Strip Dims.	Crimp Hex.
TN15-0174-C06-1-R	RG174, RG188, RG316, LBC100	S1/053	H3

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

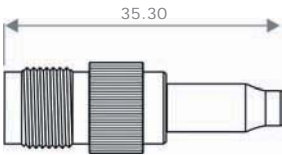
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.
TN10-0400-C06-R	RG142, RG223, RG400	S1/017	H3
TN10-0058-C06-R	RG58, URM43, LBC195	S1/017	H3

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

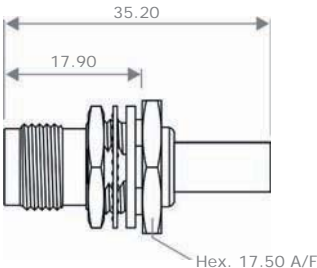
Crimp Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.
TN10-0174-C06-1-R	RG174, RG188, RG316, LBC100	S1/012	H3

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

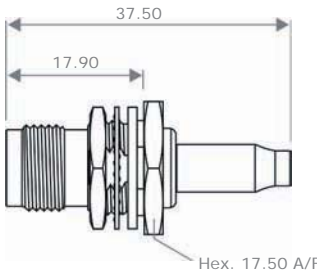
Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut
TN02-0400-C06-R	RG142, RG223, RG400	S1/011	H3	PC1
TN02-0058-C06-R	RG58, URM43, LBC195	S1/011	H3	PC1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.

Crimp Bulkhead Jack



Part Number	Cable Type	Strip Dims.	Crimp Hex.	Panel Cut
TN02-0174-C06-1-R	RG174, RG188, RG316, LBC100	S1/012	H3	PC1

Refer to pages 2-3 for strip dimensions. Refer to pages 4-5 for crimp hex sizes.



SPECIFICATION SUMMARY	
Impedance	Impedance and Frequency are listed specifically against each adaptor.
Frequency	
Durability	500 mating cycles
Temperature Range	-55 to +85 degrees C
Bodies	Brass, Nickel Plated
Pins	Brass, Gold Plated
Contacts	Brass, Phosphor Bronze or Beryllium Copper, Gold Plated
Gaskets	Silicon Rubber
Working Voltage	500 Volts RMS Maximum
Dielectric Withstanding Voltage	1500 Volts RMS Maximum

The above specifications are typical but may vary between different series and style combinations.

See over for Interseries Adaptor
Cross Reference Chart



INTERSERIES ADAPTOR FINDER - Page Index										
Series & Style	BNC		Euro		F Type		FME		Mini UHF	
	Plug	Jack	Plug	Jack	Plug	Jack	Plug	Jack	Plug	Jack
BNC Plug			111	111	112	112	112			113
BNC Jack			108	108	109	108		108	109	
Euro Plug	111	108			116	116				
Euro Jack	111	108			115	115				
F Type Plug	112	109	116	115						
F Type Jack	112	108	116	115						
FME Plug	112								117	
FME Jack		108								
Mini UHF Plug		109					117			
Mini UHF Jack	113									
N Type Plug		110				118	117			
N Type Jack	113	110			119					
Phono Plug	114	110	116	115		119				
Phono Jack	113	110			119	118				
SMA Plug	113	109					117			
SMA Jack	112	109					117	116	120	
TNC Plug	114	111					118			
TNC Jack	114								123	
UHF Plug	115	111				119	118			
UHF Jack	114									

N Type		Phono		SMA		TNC		UHF	
Plug	Jack	Plug	Jack	Plug	Jack	Plug	Jack	Plug	Jack
	113	114	113	113	112	114	114	115	114
110	110	110	110	109	109	111		111	
		116							
		115							
	119		119						
118		119	118					119	
117				117	117	118		118	
					116				
				120			123		
				122	120	124	124	125	124
				121	120	123		124	123
122	121					122	122	123	122
120	120					121	120	121	121
124	123			122	121				
124				122	120				
125	124			123	121				
124	123			122	121				

BNC Jack to Euro Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-EU10	BNC Jack to Euro Jack	75 ohms	DC to 1GHz

BNC Jack to Euro Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-EU15	BNC Jack to Euro Plug	75 ohms	DC to 1GHz

BNC Jack to FME Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-FM10	BNC Jack to FME Jack	50 ohms	DC to 2GHz

BNC Jack to F Type Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-FT10	BNC Jack to F Type Jack	75 ohms	DC to 1GHz

BNC Jack to F Type Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-FT15	BNC Jack to F Type Plug	75 ohms	DC to 1GHz

BNC Jack to SMA Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-MA10	BNC Jack to SMA Jack	50 ohms	DC to 4GHz

BNC Jack to SMA Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-MA15	BNC Jack to SMA Plug	50 ohms	DC to 4GHz

BNC Jack to Mini UHF Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-MU15	BNC Jack to Mini UHF Plug	50 ohms	DC to 1GHz

BNC Jack to N Type Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-NT10	BNC Jack to N Type Jack	50 ohms	DC to 1GHz

BNC Jack to N Type Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-NT15	BNC Jack to N Type Plug	50 ohms	DC to 1GHz

BNC Jack to Phono Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-RC10	BNC Jack to Phono Jack	75 ohms	DC to 500MHz

BNC Jack to Phono Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-RC15	BNC Jack to Phono Plug	75 ohms	DC to 500MHz

BNC Jack to TNC Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-TN15	BNC Jack to TNC Plug	50 ohms	DC to 4GHz

BNC Jack to UHF Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN10-UH15	BNC Jack to UHF Plug	50 ohms	DC to 300MHz

BNC Plug to Euro Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-EU10	BNC Plug to Euro Jack	75 ohms	DC to 1GHz

BNC Plug to Euro Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-EU15	BNC Plug to Euro Plug	75 ohms	DC to 1GHz

BNC Plug to FME Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-FM15	BNC Plug to FME Plug	50 ohms	DC to 2 GHz

BNC Plug to F Type Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-FT10	BNC Plug to F Type Jack	75 ohms	DC to 1GHz

BNC Plug to F Type Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-FT15	BNC Plug to F Type Plug	75 ohms	DC to 1GHz

BNC Plug to SMA Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-MA10	BNC Plug to SMA Jack	50 ohms	DC to 4GHz

BNC Plug to SMA Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-MA15	BNC Plug to SMA Plug	50 ohms	DC to 4GHz

BNC Plug to Mini UHF Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-MU10	BNC Plug to Mini UHF Jack	50 ohms	DC to 2.5GHz

BNC Plug to N Type Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-NT10	BNC Plug to N Type Jack	50 ohms	DC to 2GHz

BNC Plug to Phono Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-RC10	BNC Plug to Phono Jack	75 ohms	DC to 500MHz

BNC Plug to Phono Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-RC15	BNC Plug to Phono Plug	75 ohms	DC to 500MHz

BNC Plug to TNC Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-TN10	BNC Plug to TNC Jack	50 ohms	DC to 4GHz

BNC Plug to TNC Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-TN15	BNC Plug to TNC Plug	50 ohms	DC to 4GHz

BNC Plug to UHF Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-UH10	BNC Plug to UHF Jack	50 ohms	DC to 300MHz

BNC Plug to UHF Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
BN15-UH15	BNC Plug to UHF Plug	50 ohms	DC to 300MHz

Euro Jack to F Type Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
EU10-FT10	Euro Jack to F Type Jack	75 ohms	DC to 1GHz

Euro Jack to F Type Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
EU10-FT15	Euro Jack to F Type Plug	75 ohms	DC to 1GHz

Euro Jack to Phono Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
EU10-RC15	Euro Jack to Phono Plug	75 ohms	DC to 500MHz

Euro Plug to F Type Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
EU15-FT10	Euro Plug to F Type Jack	75 ohms	DC to 1GHz

Euro Plug to F Type Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
EU15-FT15	Euro Plug to F Type Plug	75 ohms	DC to 1GHz

Euro Plug to Phono Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
EU15-RC15	Euro Plug to Phono Plug	75 ohms	DC to 500MHz

FME Jack to SMA Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
FM10-MA10	FME Jack to SMA Jack	50 ohms	DC to 2GHz

FME Plug to SMA Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
FM15-MA10	FME Plug to SMA Jack	50 ohms	DC to 2GHz

FME Plug to SMA Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
FM15-MA15	FME Plug to SMA Plug	50 ohms	DC to 2GHz

FME Plug to Mini UHF Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
FM15-MU15	FME Plug to Mini UHF Plug	50 ohms	DC to 2GHz

FME Plug to N Type Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
FM15-NT15	FME Plug to N Type Plug	50 ohms	DC to 2GHz

FME Plug to TNC Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
FM15-TN15	FME Plug to TNC Plug	50 ohms	DC to 2GHz

FME Plug to UHF Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
FM15-UH15	FME Plug to UHF Plug	50 ohms	DC to 300MHz

F Type Jack to N Type Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
FT10-NT15	F Type Jack to N Type Plug	Non-Constant	DC to 600MHz

F Type Jack to Phono Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
FT10-RC10	F Type Jack to Phono Jack	75 ohms	DC to 300MHz

F Type Jack to Phono Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
FT10-RC15	F Type Jack to Phono Plug	75 ohms	DC to 500MHz

F Type Jack to UHF Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
FT10-UH15	F Type Jack to UHF Plug	Non Constant	DC to 300MHz

F Type Plug to N Type Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
FT15-NT10	F Type Plug to N Type Jack	Non Constant	DC to 1 GHz

F Type Plug to Phono Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
FT15-RC10	F Type Plug to Phono Jack	75 ohms	DC to 1 GHz

SMA Jack to Mini UHF Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA10-MU15	SMA Jack to Mini UHF Plug	50 ohms	DC to 2GHz

SMA Jack to N Type Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA10-NT10	SMA Jack to N Type Jack	50 ohms	DC to 11GHz

SMA Jack to N Type Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA10-NT15	SMA Jack to N Type Plug	50 ohms	DC to 11GHz

SMA Jack to TNC Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA10-TN10	SMA Jack to TNC Jack	50 ohms	DC to 9GHz

SMA Jack to TNC Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA10-TN15	SMA Jack to TNC Plug	50 ohms	DC to 2.8GHz

SMA Jack to UHF Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA10-UH10	SMA Jack to UHF Jack	50 ohms	DC to 300MHz

SMA Jack to UHF Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA10-UH15	SMA Jack to UHF Plug	50 ohms	DC to 300MHz

SMA Plug to N Type Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA15-NT10	SMA Plug to N Type Jack	50 ohms	DC to 11GHz

Interseries Adaptors

SMA Plug to N Type Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA15-NT15	SMA Plug to N Type Plug	50 ohms	DC to 11GHz

SMA Plug to TNC Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA15-TN10	SMA Plug to TNC Jack	50 ohms	DC to 10GHz

SMA Plug to TNC Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA15-TN15	SMA Plug to TNC Plug	50 ohms	DC to 11GHz

SMA Plug to UHF Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA15-UH10	SMA Plug to UHF Jack	50 ohms	DC to 300MHz

SMA Plug to UHF Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
MA15-UH15	SMA Plug to UHF Plug	50 ohms	DC to 300MHz

Mini UHF Plug to TNC Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
MU15-TN10	Mini UHF Plug to TNC Jack	50 ohms	DC to 600MHz

N Type Jack to TNC Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
NT10-TN15	N Type Jack to TNC Plug	50 ohms	DC to 1GHz

N Type Jack to UHF Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
NT10-UH10	N Type Jack to UHF Jack	50 ohms	DC to 300MHz

N Type Jack to UHF Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
NT10-UH15	N Type Jack to UHF Plug	50 ohms	DC to 300MHz

N Type Plug to TNC Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
NT15-TN10	N Type Plug to TNC Jack	50 ohms	DC to 1GHz

N Type Plug to TNC Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
NT15-TN15	N Type Plug to TNC Plug	50 ohms	DC to 3GHz

N Type Plug to UHF Jack Interseries Adaptor



Part Number	Details	Impedance	Frequency
NT15-UH10	N Type Plug to UHF Jack	50 ohms	DC to 300MHz

N Type Plug to UHF Plug Interseries Adaptor



Part Number	Details	Impedance	Frequency
NT15-UH15	N Type Plug to UHF Plug	50 ohms	DC to 300MHz

CABLE REFERENCE	CATALOGUE PAGE	OVERALL DIAMETER	DIELECTRIC DIAMETER	CENTRE CONDUCTOR	JACKET MATERIAL
LBC100	128	2.79mm	1.52mm	0.46mm SD/BC	Black PE/PVC
LBC195	128	4.95mm	2.79mm	0.94mm SD/BC	Black PE
LBC240	129	6.10mm	3.81mm	1.42mm SD/BC	Black PE
LBC400	129	10.29mm	7.24mm	2.74mm SD/BCCAI	Black PE
RD179	-	3.10mm	1.60mm	0.30mm ST/SPCCS	FEP
RD316	132	2.90mm	1.52mm	0.51mm ST/SPCCS	FEP
RG142	130	4.95mm	2.95mm	0.94mm SD/SPCCS	FEP
RG174	-	2.80mm	1.52mm	0.48mm ST/CCS	Black PVC
RG178	130	1.83mm	0.86mm	0.30mm ST/SPCCS	FEP
RG179	131	2.54mm	1.60mm	0.30mm ST/SPCCS	FEP
RG179PE	-	2.54mm	1.60mm	0.30mm ST/SPCCS	PVC
RG188	-	2.68mm	1.52mm	0.51mm ST/SPCCS	PFA
RG213	-	10.29mm	7.24mm	2.26mm ST/BC	Black PVC
RG214	-	10.80mm	7.24mm	2.26mm ST/SPC	Black PVC
RG223	-	5.38mm	2.96mm	0.89mm SD/SPC	Black PVC
RG316	131	2.50mm	1.52mm	0.51mm ST/SPCCS	FEP
RG400	132	4.95mm	2.95mm	1.00mm ST/SPC	FEP
RG402 Conformable	133	3.52mm	2.98mm	0.92mm SD/SPCCS	Not applicable
RG405 Conformable	133	2.10mm	1.66mm	0.51mm SD/SPCCS	Not applicable
RG402 Conformable FEP	134	4.10mm	2.98mm	0.92mm SD/SPCCS	Blue FEP
RG405 Conformable FEP	134	2.50mm	1.66mm	0.51mm SD/SPCCS	Blue FEP
RG58	-	4.95mm	2.95mm	0.90mm ST/TC	Black PVC
RG59	-	6.15mm	3.71mm	0.58mm SD/CCS	Black PVC
URM43	-	4.95mm	2.95mm	0.90mm SD/BC	Black PVC
URM70	-	5.80mm	3.25mm	0.90mm SD/BC	Black PVC

Abbreviations: **SD** = Solid, **ST** = Stranded, **BCCS** = Bare Copper Clad Steel, **BC** = Bare Copper, **BCCAI** = Bare Copper Clad Aluminium, **SPCCS** = Silver Plated Copper Clad Steel, **CCS** = Copper Clad Steel, **TPC** = Tinned Copper, **SPC** = Silver Plated Copper, **FEP** = Fluorinated Ethylene Propylene, **PFA** = Perfluoroalkoxy

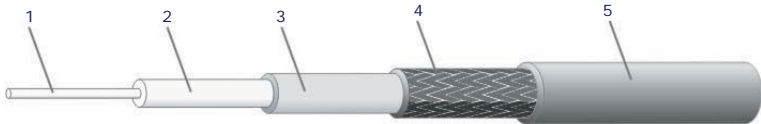
DIELECTRIC MATERIAL	IMPEDANCE	MAXIMUM FREQUENCY	OPERATING VOLTAGE	TEMPERATURE RATING	SHIELDING
Polyethylene	50 ohms	6 GHz	500V RMS	-40 to +85 Degrees C	Aluminium Foil + TPC Braid
Polyethylene	50 ohms	18 GHz	1000V RMS	-40 to +85 Degrees C	Aluminium Foil + TPC Braid
Polyethylene	50 ohms	11 GHz	1500V RMS	-40 to +85 Degrees C	Aluminium Foil + TPC Braid
Polyethylene	50 ohms	11 GHz	2500V RMS	-40 to +85 Degrees C	Aluminium Foil + TPC Braid
PTFE	75 ohms	3 GHz	1200V RMS	-55 to +200 Degrees C	2 x SPC Braids
PTFE	50 ohms	3 GHz	1200V RMS	-55 to +200 Degrees C	2 x SPC Braids
PTFE	50 ohms	12 GHz	1900V RMS	-55 to +200 Degrees C	2 x SPC Braids
Polyethylene	50 ohms	1 GHz	1500V RMS	-40 to +85 Degrees C	1 x TPC Braid
PTFE	50 ohms	3 GHz	1000V RMS	-55 to +200 Degrees C	1 x SPC Braid
PTFE	75 ohms	3 GHz	1200V RMS	-55 to +200 Degrees C	1 x SPC Braid
Polyethylene	75 ohms	400 MHz	1000V RMS	-10 to +80 Degrees C	1 x TPC Braid
PTFE	50 ohms	3 GHz	1200 V RMS	-55 to +200 Degrees C	1 x SPC Braid
Polyethylene	50 ohms	1 GHz	1200V RMS	-40 to +85 Degrees C	1 x BC Braid
Polyethylene	50 ohms	11 GHz	5000V RMS	-40 to +85 Degrees C	2 x SPC Braids
Polyethylene	50 ohms	12 GHz	5000V RMS	-40 to +85 Degrees C	2 x SPC Braids
PTFE	50 ohms	3 GHz	1200V RMS	-55 to +200 Degrees C	1 x SPC Braid
PTFE	50 ohms	12 GHz	1900 V RMS	-55 to +200 Degrees C	2 x SPC Braids
PTFE	50 ohms	34 GHz	2500V RMS	-55 to +125 Degrees C	Copper / Tin Composite
PTFE	50 ohms	60 GHz	1500V RMS	-55 to +125 Degrees C	Copper / Tin Composite
PTFE	50 ohms	34 GHz	2500V RMS	-55 to +125 Degrees C	Copper / Tin Composite
PTFE	50 ohms	60 GHz	1500V RMS	-55 to +125 Degrees C	Copper / Tin Composite
Polyethylene	50 ohms	3 GHz	1900V RMS	-40 to +85 Degrees C	1 x TPC Braid
Polyethylene	75 ohms	1 GHz	2300V RMS	-40 to +85 Degrees C	1 x BC Braid
Polyethylene	50 ohms	1 GHz	1900V RMS	-40 to +85 Degrees C	1 x BC Braid
Polyethylene	75 ohms	1 GHz	1200V RMS	-40 to +85 Degrees C	1 x BC Braid

LBC100 - Low Loss 50 ohm Coaxial Cable
Part Number: CX50-LBC100-1



Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Solid Copper (0.46mm)	150 MHz	29.4 dB
2. Dielectric	Solid Polyethylene (1.52mm)	220 MHz	35.8 dB
3. Outer Conductor	Bonded Aluminium Foil (1.65mm)	450 MHz	51.9 dB
4. Overall Braid	Tinned Copper (2.11mm)	900 MHz	74.9 dB
5. Jacket	Black Polyethylene (2.79mm)	1500 MHz	98.7 dB
Impedance	50 ohms	1800 MHz	109.0 dB
Voltage Withstanding	500 Volts DC	2000 MHz	115.5 dB
Maximum Operating Frequency	6 GHz	2500 MHz	130.6 dB
Bending Radius	14mm	3000 MHz	143.8 dB
Operating Temperature	-40 to +85 degrees C	5800 MHz	210.3 dB

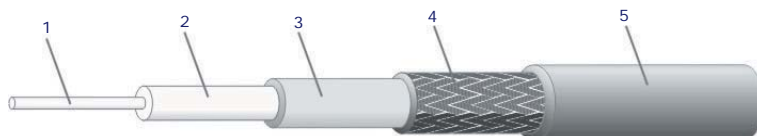
LBC195 - Low Loss 50 ohm Coaxial Cable
Part Number: CX50-LBC195-1



Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Solid Copper (0.94mm)	150 MHz	14.6 dB
2. Dielectric	Solid Polyethylene (2.79mm)	220 MHz	17.7 dB
3. Outer Conductor	Bonded Aluminium Foil (2.95mm)	450 MHz	25.5 dB
4. Overall Braid	Tinned Copper (3.53mm)	900 MHz	36.5 dB
5. Jacket	Black Polyethylene (4.95mm)	1500 MHz	47.7 dB
Impedance	50 ohms	1800 MHz	52.5 dB
Voltage Withstanding	1000 Volts DC	2000 MHz	55.4 dB
Maximum Operating Frequency	18 GHz	2500 MHz	62.4 dB
Bending Radius	25mm	3000 MHz	68.8 dB
Operating Temperature	-40 to +85 degrees C	5800 MHz	98.1 dB

LBC240 - Low Loss 50 ohm Coaxial Cable

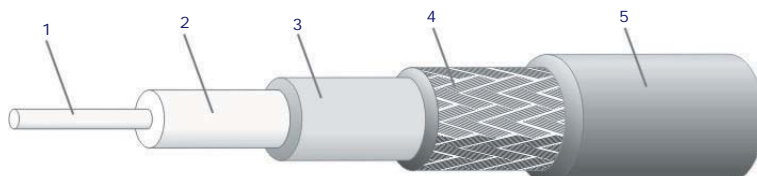
Part Number: CX50-LBC240-1



Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Solid Copper (1.42mm)	150 MHz	9.90 dB
2. Dielectric	Solid Polyethylene (3.81mm)	220 MHz	12.0 dB
3. Outer Conductor	Bonded Aluminium Foil (3.94mm)	450 MHz	17.3 dB
4. Overall Braid	Tinned Copper (4.52mm)	900 MHz	24.8 dB
5. Jacket	Black Polyethylene (6.10mm)	1500 MHz	32.4 dB
Impedance	50 ohms	1800 MHz	35.6 dB
Voltage Withstanding	1500 Volts DC	2000 MHz	37.7 dB
Maximum Operating Frequency	11 GHz	2500 MHz	42.4 dB
Bending Radius	30mm	3000 MHz	46.5 dB
Operating Temperature	-40 to +85 degrees C	5800 MHz	66.8 dB

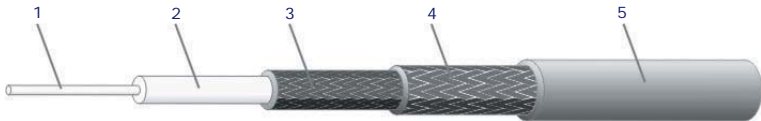
LBC400 - Low Loss 50 ohm Coaxial Cable

Part Number: CX50-LBC400-1



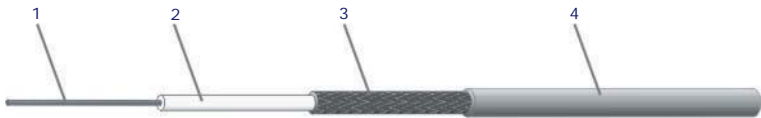
Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Copper Clad Aluminium (2.74mm)	150 MHz	5.0 dB
2. Dielectric	Solid Polyethylene (7.24mm)	220 MHz	6.1 dB
3. Outer Conductor	Bonded Aluminium Foil (7.39mm)	450 MHz	8.9 dB
4. Overall Braid	Tinned Copper (8.13mm)	900 MHz	12.8 dB
5. Jacket	Black Polyethylene (10.29mm)	1500 MHz	16.8 dB
Impedance	50 ohms	1800 MHz	18.6 dB
Voltage Withstanding	2500 Volts DC	2000 MHz	19.6 dB
Maximum Operating Frequency	11 GHz	2500 MHz	22.2 dB
Bending Radius	51mm	3000 MHz	24.8 dB
Operating Temperature	-40 to +85 degrees C	5800 MHz	35.5 dB

RG142 - 50 ohm Coaxial Cable
Part Number: CX50-142-1



Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Silver Plated Copper Clad Steel (0.94mm)	150 MHz	15.4 dB
2. Dielectric	PTFE (2.95mm)	220 MHz	18.8 dB
3. Outer Conductor	Silver Plated Copper Braid (3.50mm)	450 MHz	27.4 dB
4. Overall Braid	Silver Plated Copper Braid (3.95mm)	900 MHz	39.8 dB
5. Jacket	FEP (4.95mm)	1500 MHz	52.7 dB
Impedance	50 ohms	1800 MHz	58.3 dB
Voltage Withstanding	1900 Volts DC	2000 MHz	61.9 dB
Maximum Operating Frequency	12 GHz	2500 MHz	70.2 dB
Bending Radius	25mm	3000 MHz	77.9 dB
Operating Temperature	-55 to +200 degrees C	5800 MHz	114.8 dB

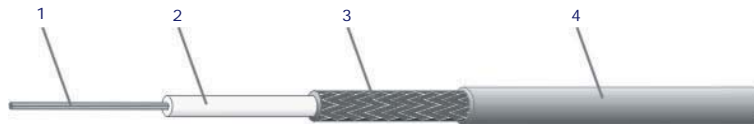
RG178 - 50 ohm Coaxial Cable
Part Number: CX50-178-1



Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Silver Plated Copper Clad Steel (7 x 0.102mm)	150 MHz	55.4 dB
2. Dielectric	PTFE (0.86mm)	220 MHz	67.3 dB
3. Overall Braid	Silver Plated Copper Braid (1.30mm)	450 MHz	96.8 dB
4. Jacket	FEP (1.83mm)	900 MHz	137.9 dB
Impedance	50 ohms	1500 MHz	179.4 dB
Voltage Withstanding	1000 Volts DC	1800 MHz	197.1 dB
Maximum Operating Frequency	3 GHz	2000 MHz	208.2 dB
Bending Radius	10mm	2500 MHz	233.8 dB
Operating Temperature	-55 to +200 degrees C	3000 MHz	257.1 dB

RG179 - 75 ohm Coaxial Cable

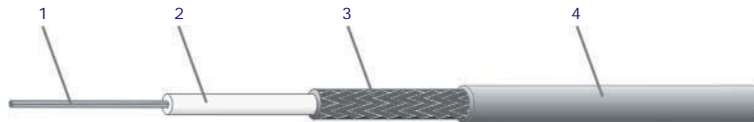
Part Number: CX75-179-1



Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Silver Plated Copper Clad Steel (7 x 0.102mm)	150 MHz	32.7 dB
2. Dielectric	PTFE (1.60mm)	220 MHz	39.8 dB
3. Overall Braid	Silver Plated Copper Braid (2.04mm)	450 MHz	57.4 dB
4. Jacket	FEP (2.54mm)	900 MHz	82.3 dB
Impedance	75 ohms	1500 MHz	107.6 dB
Maximum Operating Frequency	1200 V RMS	1800 MHz	118.4 dB
Maximum Operating Frequency	3 GHz	2000 MHz	125.3 dB
Bending Radius	10mm	2500 MHz	141.1 dB
Operating Temperature	-55 to +200 degrees C	3000 MHz	155.6 dB

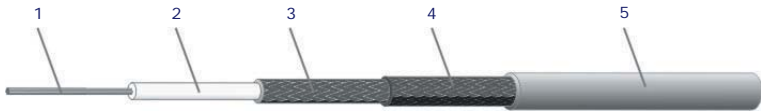
RG316 - 50 ohm Coaxial Cable

Part Number: CX50-316-1



Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Silver Plated Copper Clad Steel (7 x 0.17mm)	150 MHz	32.2 dB
2. Dielectric	PTFE (1.52mm)	220 MHz	39.2 dB
3. Overall Braid	Silver Plated Copper Braid (1.95mm)	450 MHz	56.5 dB
4. Jacket	FEP (2.50mm)	900 MHz	81.0 dB
Impedance	50 ohms	1500 MHz	105.9 dB
Maximum Operating Frequency	1200 V RMS	1800 MHz	116.6 dB
Maximum Operating Frequency	3 GHz	2000 MHz	123.3 dB
Bending Radius	13mm	2500 MHz	138.9 dB
Operating Temperature	-55 to +200 degrees C	3000 MHz	153.2 dB

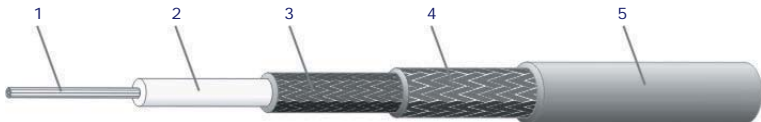
RD316 - 50 ohm Coaxial Cable (Double Screened RG316)
Part Number: CX50-D316-1



Electrical, Environmental & Mechanical Data	
1. Inner Conductor	Silver Plated Copper Clad Steel (7 x 0.17mm)
2. Dielectric	PTFE (1.52mm)
3. Outer Conductor	Silver Plated Copper Braid (1.95mm)
4. Overall Braid	Silver Plated Copper Braid (2.40mm)
5. Jacket	FEP (2.90mm)
Impedance	50 ohms
Maximum Operating Voltage	1200V RMS
Maximum Operating Frequency	3 GHz
Bending Radius	15mm
Operating Temperature	-55 to +200 degrees C

Attenuation per 100m (typical)	
150 MHz	32.2 dB
220 MHz	39.2 dB
450 MHz	56.5 dB
900 MHz	81.0 dB
1500 MHz	105.9 dB
1800 MHz	116.6 dB
2000 MHz	123.3 dB
2500 MHz	138.9 dB
3000 MHz	153.2 dB

RG400 - 50 ohm Coaxial Cable
Part Number: CX50-400-1

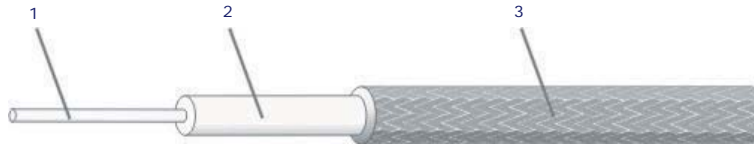


Electrical, Environmental & Mechanical Data	
1. Inner Conductor	Silver Plated Copper Clad Steel (19 x 0.203mm)
2. Dielectric	PTFE (2.95mm)
3. Outer Conductor	Silver Plated Copper Braid (3.50mm)
4. Overall Braid	Silver Plated Copper Braid (3.95mm)
5. Jacket	FEP (4.95mm)
Impedance	50 ohms
Maximum Operating Voltage	1900V RMS
Maximum Operating Frequency	12 GHz
Bending Radius	25mm
Operating Temperature	-55 to +200 degrees C

Attenuation per 100m (typical)	
150 MHz	17.7 dB
220 MHz	21.6 dB
450 MHz	31.4 dB
900 MHz	45.5 dB
1500 MHz	60.0 dB
1800 MHz	66.4 dB
2000 MHz	70.4 dB
2500 MHz	79.7 dB
3000 MHz	88.4 dB
5800 MHz	129.3 dB

RG402 (.141) Conformable Semi-rigid

Part Number: CX50-402C-1



Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Silver Plated Copper Clad Steel (0.92mm)	500 MHz	25.2 dB
2. Dielectric	PTFE (2.98mm)	1000 MHz	36.8 dB
3. Outer Conductor	Tin Soaked Copper Braid (3.50mm)	2000 MHz	54.4 dB
Impedance	50 ohms	3000 MHz	68.8 dB
Maximum Operating Voltage	2500V RMS	5000 MHz	93.2 dB
Maximum Operating Frequency	34 GHz	8000 MHz	124.5 dB
Bending Radius	40mm	10000 MHz	143.4 dB
Operating Temperature	-55 to +125 degrees C	12000 MHz	161.2 dB
		15000 MHz	186.4 dB
		18000 MHz	210.4 dB

RG405 (.085) Conformable Semi-rigid

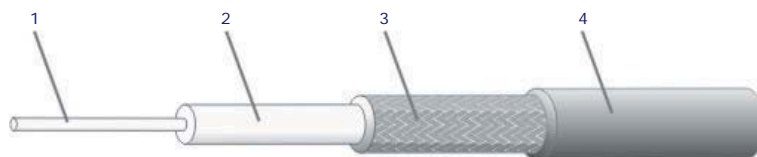
Part Number: CX50-405C-1



Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Silver Plated Copper Clad Steel (0.51mm)	500 MHz	43.4 dB
2. Dielectric	PTFE (1.66mm)	1000 MHz	62.6 dB
3. Outer Conductor	Tin Soaked Copper Braid (2.10mm)	2000 MHz	90.8 dB
Impedance	50 ohms	3000 MHz	113.3 dB
Maximum Operating Voltage	1500V RMS	5000 MHz	150.8 dB
Maximum Operating Frequency	61 GHz	8000 MHz	197.3 dB
Bending Radius	20mm	10000 MHz	224.7 dB
Operating Temperature	-55 to +125 degrees C	12000 MHz	250.3 dB
		15000 MHz	286.1 dB
		18000 MHz	319.6 dB

RG402 (.141) Conformable Semi-rigid with FEP Jacket

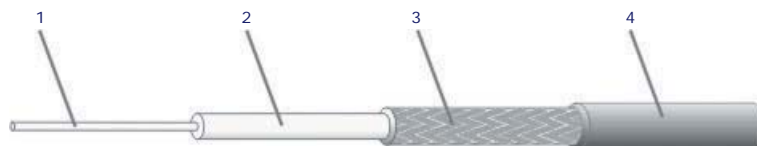
Part Number: CX50-402CFEP-6-1



Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Silver Plated Copper Clad Steel (0.92mm)	500 MHz	25.2 dB
2. Dielectric	PTFE (2.98mm)	1000 MHz	36.8 dB
3. Outer Conductor	Tin Soaked Copper Braid (3.50mm)	2000 MHz	54.4 dB
4. Jacket	Blue FEP (4.10mm)	3000 MHz	68.8 dB
Impedance	50 ohms	5000 MHz	93.2 dB
Maximum Operating Voltage	2500V RMS	8000 MHz	124.5 dB
Maximum Operating Frequency	34 GHz	10000 MHz	143.4 dB
Bending Radius	40mm	12000 MHz	161.2 dB
Operating Temperature	-55 to +125 degrees C	15000 MHz	186.4 dB
		18000 MHz	210.4 dB

RG405 (.085) Conformable Semi-rigid with FEP Jacket

Part Number: CX50-405CFEP-6-1



Electrical, Environmental & Mechanical Data		Attenuation per 100m (typical)	
1. Inner Conductor	Silver Plated Copper Clad Steel (0.51mm)	500 MHz	43.4 dB
2. Dielectric	PTFE (1.66mm)	1000 MHz	62.6 dB
3. Outer Conductor	Tin Soaked Copper Braid (2.10mm)	2000 MHz	90.8 dB
4. Jacket	Blue FEP (2.50mm)	3000 MHz	113.3 dB
Impedance	50 ohms	5000 MHz	150.8 dB
Maximum Operating Voltage	1500V RMS	8000 MHz	197.3 dB
Maximum Operating Frequency	61 GHz	10000 MHz	224.7 dB
Bending Radius	20mm	12000 MHz	250.3 dB
Operating Temperature	-55 to +125 degrees C	15000 MHz	286.1 dB
		18000 MHz	319.6 dB