

18 F Type Specifications

F Type Plug



F Type Jack



ELECTRICAL

Impedance
Frequency
VSWR
Insertion Loss
RF Leakage
Insulation Resistance
Inner Contact Resistance
Outer Contact Resistance
Working Voltage
Dielectric Withstanding Voltage

F TYPE

75 ohms
DC to 2GHz (cable fixing plugs)
1.35:1 Maximum
0.4dB Maximum
-55dB Minimum
1Mohms Minimum
5mohms Maximum
1mohms Maximum
250V RMS
500V RMS

MECHANICAL

Durability
Cable Retention
Mating Torque

50 mating cycles
equal to cable breaking strain
3.4NM

ENVIRONMENTAL

Temperature Range

To cable specification or;
-55 to +85 deg C

MATERIALS

Bodies
Pins
Contacts
Ferrules
Insulators
End Caps
Gaskets
Panel Nuts
Panel Washers

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Tin Plated
Brass, Nickel Plated
Delrin or Polypropylene
Brass, Nickel Plated
Silicon Rubber
Brass, Nickel Plated
Brass, Nickel Plated

The above specifications are typical although some variations may occur.

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F Type Cable Fixing 19

Crimp Plug

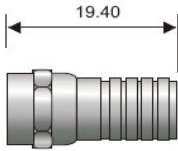


Fig. 1

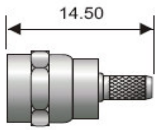


Fig. 2

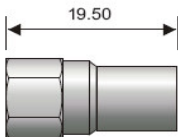


Fig. 3

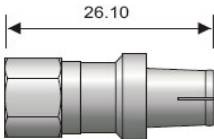


Fig. 4

PART NUMBER	CABLE TYPE	STRIP DIMS	HEX SIZES	FIG
FT15-0100-C06	CT100, RG6	B24	H5	1
FT15-0125-C06	CT125	B27	H5	3
FT15-0167-C06	CT167	B25	H10	4
FT15-R167-C06	CT167RBS	B26	H11	4
FT15-0011-C06	RG11	B25	H10	4
FT15-0179-C06	RG179	B29	H1	2
FT15-0059-C06	RG59	B24	H5	1

With Integral moisture resistant O ring:

FT15-0100-C06-2	CT100, RG6	B24	H5	1
FT15-0125-C06-2	CT125	B27	H5	3
FT15-0167-C06-2	CT167	B25	H10	4
FT15-R167-C06-2	CT167RBS	B26	H11	4
FT15-0011-C06-2	RG11	B25	H10	4
FT15-0179-C06-2	RG179	B29	H1	2
FT15-0059-C06-2	RG59	B24	H5	1

CRIMP HEX SIZES (ferrule / contact)

H1	3.25mm	0.72mm sq.
H5	8.23mm	N/A
H10	11.40mm	N/A
H11	12.10mm	N/A

See pages 85-86 for application tooling

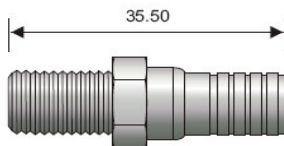
Strip Dimensions - see Illustration S.3

B24:	A = 8.0mm	B = 5.0mm	C = 7.0mm
B25:	A = 10.0mm	B = 1.0mm	C = 4.0mm
B26:	A = 5.0mm	B = 5.0mm	C = 5.0mm
B27:	A = 9.0mm	B = 4.0mm	C = 8.0mm
B28:	A = 5.0mm	B = 5.0mm	C = 7.0mm

Strip Dimensions - see Illustration S.1

B29:	A = 5.0mm	B = 0.5mm	C = 3.0mm
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Crimp Jack



PART NUMBER	CABLE TYPE	STRIP DIMS	HEX SIZES
FT10-0100-C06	CT100, RG6	B30	H5
FT10-0059-C06	RG59	B30	H5

Strip Dimensions - see Illustration S.3

B30:	A = 8.0mm	B = 5.0mm	C = 5.0mm
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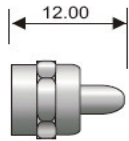


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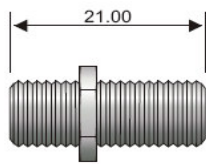
20 F Type Adaptors

Terminator



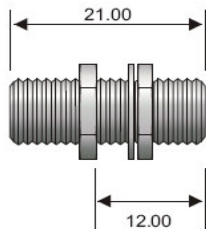
PART NUMBER	DETAILS	IMPEDANCE
FT15-75-N06	Nickel plated	75

Jack to Jack Adaptor

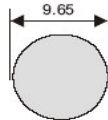


PART NUMBER	DETAILS	IMPEDANCE
FT10-10-A06	Nickel plated	75

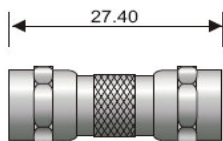
Bulkhead Jack to Jack Adaptor



PART NUMBER	DETAILS	IMPEDANCE
FT02-10-A06	Nickel plated, Locknut and washer included	75



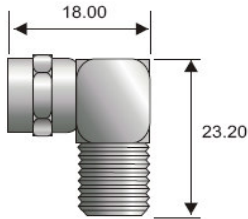
Plug to Plug Adaptor



PART NUMBER	DETAILS	IMPEDANCE
FT15-15-A06	Nickel plated	75

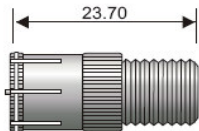
F Type Adaptors and PCB Mounting 21

Right Angle Plug to Jack Adaptor



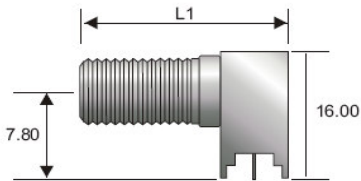
PART NUMBER	DETAILS
FT17-10-A06	Nickel Plated

Push-fit Plug to Jack Adaptor

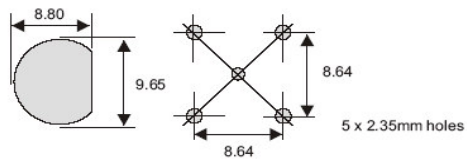


PART NUMBER	DETAILS
FT15-10-A06-1	Nickel Plated

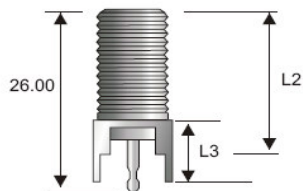
Right Angle PCB Jack



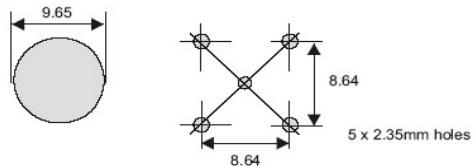
PART NUMBER	DETAILS	
FT02-X600-N06	Nickel Plated	L1 = 27.80mm
FT02-X600-N06-1	Nickel Plated	L1 = 32.50mm



Vertical PCB Jack



PART NUMBER	DETAILS	
FT02-X150-N06	Nickel Plated	L2 = 20.0mm, L3 = 7.70mm
FT02-X150-N06-1	Nickel Plated	L2 = 21.8mm, L3 = 12.0mm



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