



F TYPE Technical Specification

F connectors were designed as a low cost method of coupling coaxial cables and equipment used in TV, MTV, and satellite communication applications. They have threaded coupling interfaces and the plug utilizes the centre contacts of the cable rather than a separately applied pin. They are designed for low frequency transmissions (typically video) up to 2GHz.

ELECTRICAL

Impedance	
Plugs Without Contact	Non Constant (Impedance of Cable Applies)
Plugs With Contact	75 Ohms
Jacks	75 Ohms
Frequency Range	DC to 2GHz
Working Voltage (RMS)	250V
VSWR	
Cable Fixing	1.35:Max
Non Cable Fixing	Not Applicable

MECHANICAL

Mating Torque	3.4NM
Durability	
Plugs Without Contact	50 Cycles (Subject to Cable)
Plugs With Contacts	200 Cycles
Jacks	200 Cycles

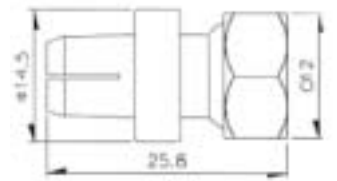
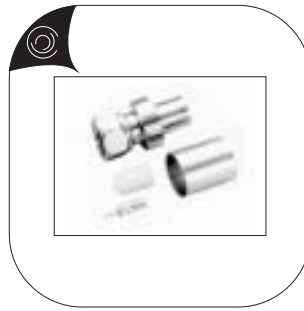
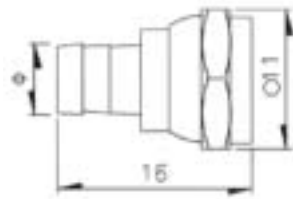
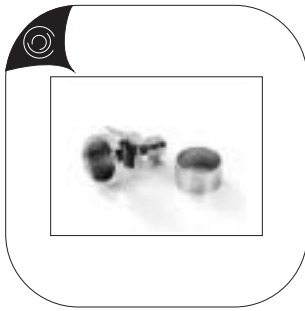
MATERIALS

Body and Coupling Nut	Brass, Nickel Plated
Contact	Brass, Tin Plated
Ferrule	Brass, Nickel Plated
Insulator	Delrin, Polypropylene, PBT or PTFE
Nut	Brass, Nickel Plated
Washer	Brass, Nickel Plated

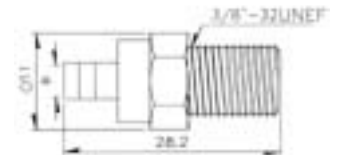
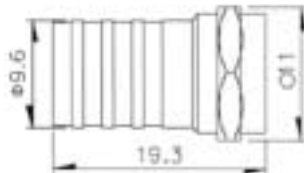


F Series

Crimp Attachment for Flexible Cable

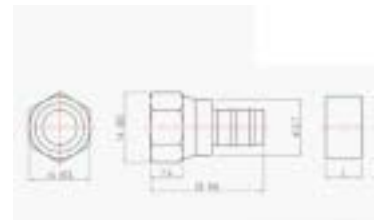
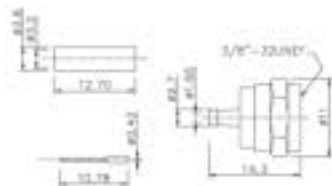
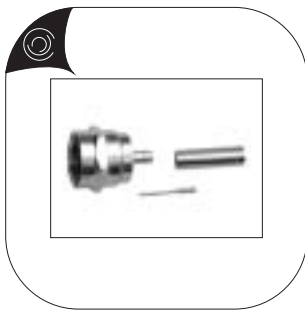


F101:F Straight Crimp Plug(3C, 4C, 5C, 7C) **F108:**F Straight Plug



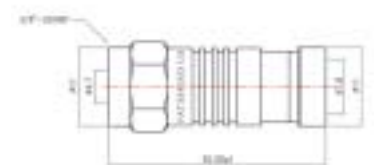
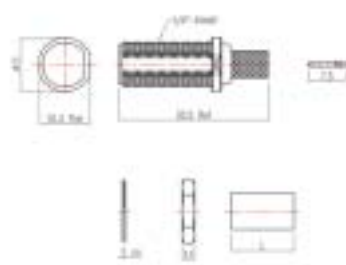
F105:F Straight Plug Attached Grip Ring (4C, 5C)

F210:F Bulkhead Crimp Jack



F112:F Straight Crimp Plug

F119:F Crimp Plug



F211:F Straight Crimp Jack, Pin in Pin

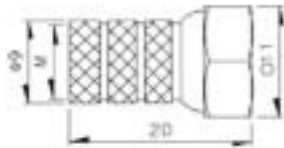
F118:F Plug Waterproof Connector



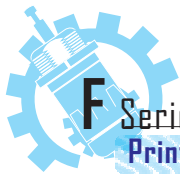
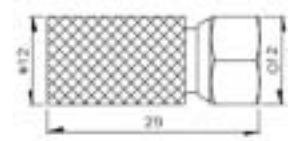
F Series Twist-on Attachment for Flexible Cable



F102:F Twist-on Plug



F107:F Twist-on Plug



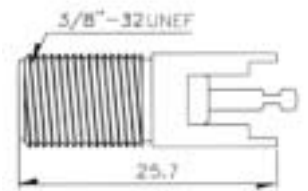
F Series Printed Circuit Board Terminal



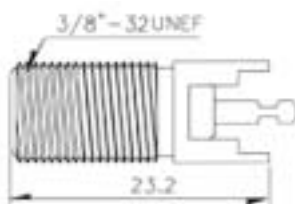
F203:F Quick Jack(G Series)



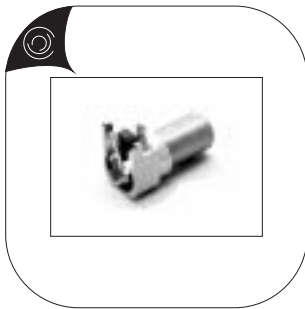
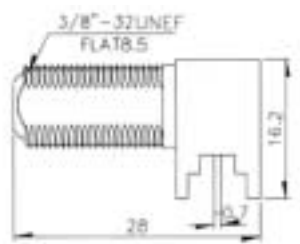
F222:F Jack



F221:F Jack

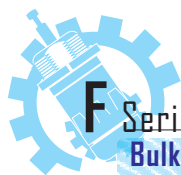


F223:F R/A Jack

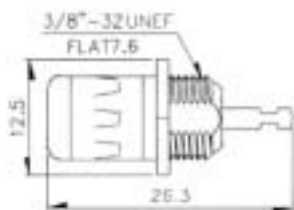


F224:F R/A Jack

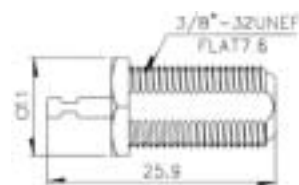
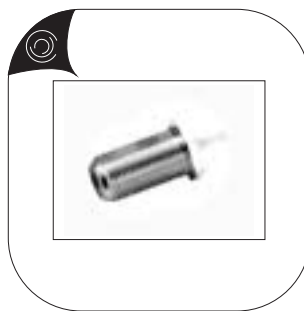




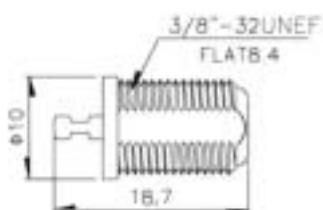
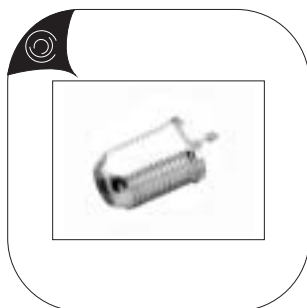
F Series Bulkhead Receptacle, Solder Pot Terminal



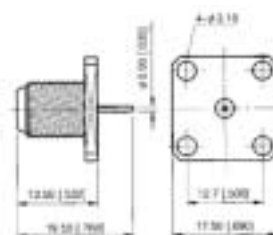
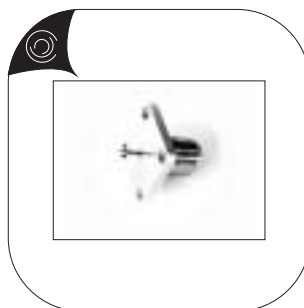
F202: F Bulkhead Quick Jack (G Series)



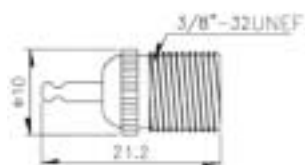
F206: F Bulkhead Jack



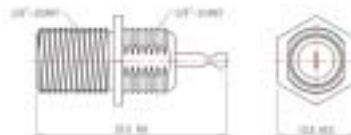
F207: F Bulkhead Jack



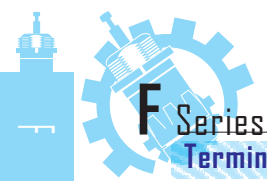
F209: Panel Mount Jack Receptacle-4-Hole Flange



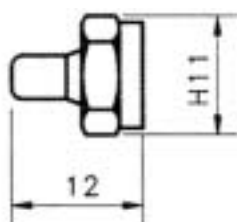
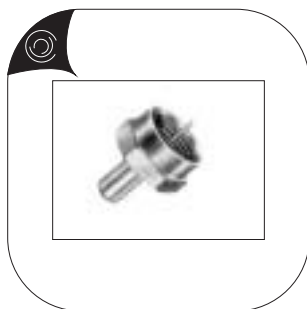
F212: F Bulkhead Jack



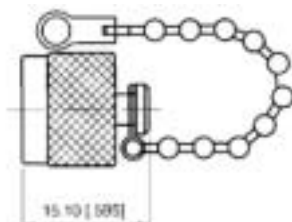
F208: F Bulkhead Jack



F Series Terminator & Cap



TE120: F Plug Terminator, 75R



TE115: Dust Cap



TE121:F Plug Terminator

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