

The F connector series compression connectors are used for 75Ω cable assign system, especially CATV, broadcast television network.

Main Features

- Compliant with MIL-C-39012 standard
- Threaded connection, convenient insertion
- M10 × 0.75 threaded
- Good shielding and low attenuation



Application

- Communications, electronic countermeasures
- 75 Ω cable distribution systems

Specification

Item	Parameter	
Temp Range	-65～165° C (PE Cable -40～85° C)	
Impedance	50 Ω , 75 Ω	
Frequency Range	DC～4GHz(50 Ω); 0～2GHz(75 Ω)	
Working Voltage	335V max	
Withstand Voltage	1000V rms	
Center Contact	≤ 6 m Ω	
Outer Contact	≤ 1 m Ω	
Insulation resistance	≥ 1000 M Ω	
VSWR	Straight ≤ 1.25	
	Right angle ≤ 1.45	
Durability(mating)	≥500(cycles)	
Material & Plating		
Shell	Brass	Gold plated
Contact pin	Brass	Gold plated
Socket	Beryllium	Gold plated
Elastic contact	Beryllium	Gold plated
Insulator	PTFE	
Crimp ferrule	Copper alloy	Nickel or gold plated
O-ring sealing	6146 Silastic	