

75 Ohm RG-6 F Coax Compression Connector

Applications

F male connector fits most RG6 standard, tri-shield cables. CATV, Video Distribution, RF Applications.



General

Connector Interface Type
Gender
Construction Material
Mating Mechanism
Bandwidth
Impedance
Operating Voltage
Operating Temperature
Tool Compatibility

F
Male
Nickel Plated Brass
7/16 Hex 3/8-32 UNEF Threading
5 to 3000MHz
75 Ohm Nominal
90 V (at 60 Hz Continuous AC)
-40 to +60 °C (-40 to +140 °F)
FX-CT5087

Dimensions

Length Before Compression
Acceptable Maximum Core Diameter
(Dielectric + Tape)
Acceptable Maximum Jacket Diameter

31mm
4.9mm
7.4mm

Characteristics

Cable Retention	ANSI/SCTE 99 2009	> 40 lbs
Cable Insertion		< 20 lbs Maximum
Tightening Torque	ANSI/SCTE 98 2009	Tightened to 60 in / lbs without damage
Insertion Loss	ANSI/SCTE 144 2012	< 0.05 dB to 350 MHz;
		< 0.1 dB to 700 MHz;
		< 0.2 dB to 1 GHz
Return Loss	ANSI/SCTE 05 2008	> -30 dB to 1 GHz
Shielding Effectiveness	ANSI/SCTE 48-2 2008	> -100 dB to 1 GHz;
		> -90 dB to 3 GHz
Salt Fog	ANSI/SCTE 143 2007	500 hours salt spray
Moisture Migration	ANSI/SCTE 60 2010	No dye penetration after 5 days