# **FX-RG6FCON**

CONNECT THE WORLD

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

## **Dimensions**

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

4.9mm 7.4mm

31mm

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 sprav

Salt Fog Moisture Migration

Characteristics

ANSI/SCIE 143 2007 ANSI/SCTE 60 2010

500 hours salt spray No dye penetration after 5 days

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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