

COMPRESSION CONNECTOR [CFX-X-X-X-X]

Cable Products, Hardware

TaiTin

Description

TaiTin's family of SCTE compliant compression connectors are designed to accommodate RG59 or 6 cables. The universal option accepts 60% of quad-shield braid coverage, thereby minimizing the possibility of installing an incompatible connector.

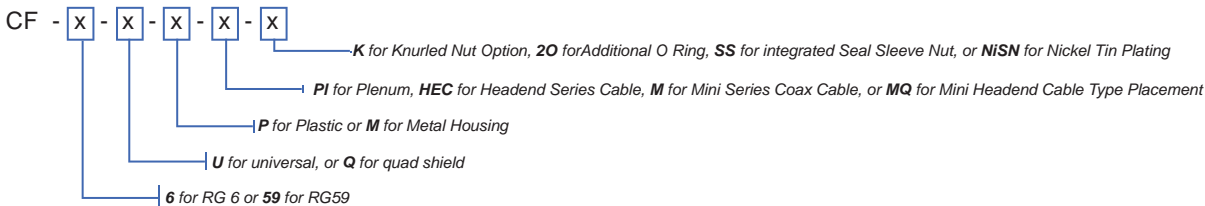
In addition, the connectors can be customized to adhere to specific system needs. The options include custom construction for variety of cable sizes including: plenum, mini series and mini headend. Some other available features include; nickel-tin plating, dual o-rings, knurl nut or integrated seal sleeve nut.

Features

- Meets and Exceeds All Relevant ANSI/SCTE Specifications
- Designed Universally to Fit over 60% through Quad Shield Cable Braid Coverage
- 360-degree Sleeve Compression Provides Excellent RF Shielding, Superior Weather Protection and Strong Retention Force
- 21 mm Stroke Length Compatible with Most Commonly used Industry Standard Compression Tools
- Mil-spec Nickel Plated Metal Surface to Resist Corrosion
- Air-tight Seal Mechanism Between the Nut and Post which Prevents Moisture from Getting in
- Incorporates Precision Machined Brass and Wear Resistant POM Plastic Construction Providing Ultimate Durability and UV Resistant Application



Ordering Information



Model Number	Standard Bag Qty	Description	Standard Bag Weight
CF6-U-P-K	100 pcs	Compression Connector for RG6, Universal Type Connector, Plastic, Knurled Nut	0.7 kg / 1.5 lb
CF59-Q-P-K	100 pcs	Compression Connector for RG59, Plastic, Quad Shield, Knurled Nut	0.7 kg / 1.5 lb
CF6-PL-K	100 pcs	Compression Connector for RG6, Plenum, Knurled Nut	0.7 kg / 1.5 lb

General	Details
Bandwidth	0 MHz to 3 GHz
Impedance	75 Ohms
Return Loss	Min. -30 dB @ 3 GHz
Insertion Loss	< 0.1 dB @ 1 GHz
Shielding Effectiveness	Min. -80 dB @ 3 GHz
Operating Voltage	90 V (at 60 Hz continuous AC)
Operating Temperature	-40 to 140° F (-40 to 60° C)
Cable Retention	50 lbs Min.
Cable Insertion	20 lbs Max.
Cable Range	RG6 Cable, 60% to quad-shield
Acceptable Max. Core Diameter	.192 in. (4.88 mm)
Acceptable Min. Jacket Diameter	.266 in. (6.75 mm)
Acceptable Max. Jacket Diameter	.309 in. (7.85 mm)
Physical Characteristics	
Length Before Compression	1.247 in. (31.67 mm)
Mating Mechanism	7/16 Hex 3/8-32 UNEF threading
Construction Material	Nickel plated brass alloy and POM material
Tool	
Compression Tools	Standard 21 mm compression stroke length tools

Testing	Specifications	Requirements
Return Loss	ANSI / SCTE 04 2007	Min. - 30 dB @ 1 GHz
Insertion Loss	ANSI / SCTE 47 2007	< 0.1 dB @ 1 GHz
Shielding Effectiveness	ANSI / SCTE 48-3 2011	Min. -80 dB @ 1 GHz
DC Contact Resistance	ANSI / SCTE 103 2004	< 5 milliohms
Installation Force	ANSI / SCTE 73 2007	20 lbs Max.
Cable Retention Force	ANSI / SCTE 99 2004	50 lbs. Min
Tightening Torque	ANSI / SCTE 98 2009	Tightening to 60 in./lbs without damage
Moisture Migration	ANSI / SCTE 60 2010	No dye penetration after 120 hrs of temperature cycling
UV Degradation	ASTM G154-06	168 hrs exposure, no cracking, swelling or brittleness
Chemical Resistance	ASTM D543-06	7 days exposure, no cracking, swelling or brittleness
Corrosion Withstand (Salt Fog)	ANSI / SCTE 143 2007	1,000 hrs salt spray

† CE & Class A Certification are Pending

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