

# COMPRESSION CONNECTOR [CF11-M]

Cable Products, Hardware

**Taikan**  
ESTD. 1973

## Description

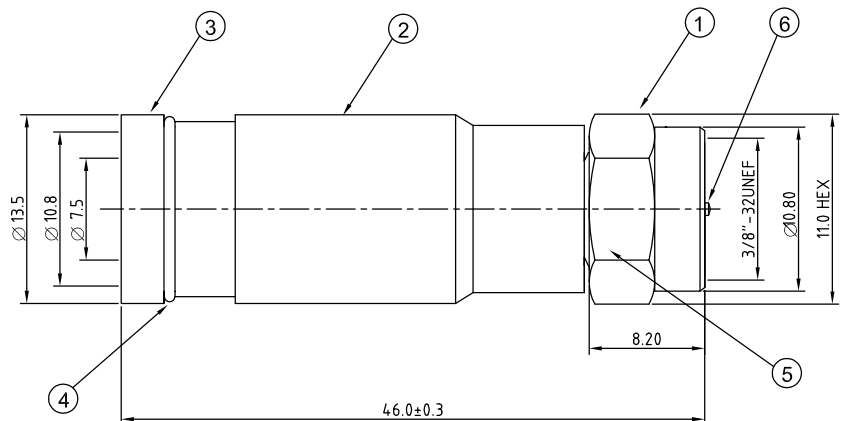
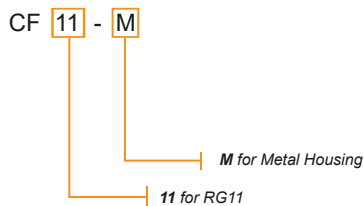
Taikan's family of SCTE compliant compression connectors are designed to accommodate RG11 cables. The universal option accepts 60% of quad-shield braid coverage, thereby minimizing the possibility of installing an incompatible connector.

## 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 Entering the Unit
- Incorporates Precision Machined Brass Construction Providing Ultimate Durability and UV Resistant Application



## Ordering Information



Model Number	Standard Carton	Dimensions	Weight
CF11-M	2000 pcs	40 x 27 x 15 cm / 16 x 11 x 6 in	22 kg / 48 lb

**Return Loss**

Frequency	(dB)
0.3-500 MHz	36.6
500-860 MHz	32.2
860-1000 MHz	28.0
1000-1750 MHz	25.8
1750-2150 MHz	22.7
2150-3000 MHz	18.1

**Insertion Loss**

Frequency	(dB)
0.3-500 MHz	< 0.05
500-860 MHz	< 0.09
860-1000 MHz	< 0.10
1000-1750 MHz	< 0.13
1750-2150 MHz	< 0.17
2150-3000 MHz	< 0.20

**General**

**Details**

Bandwidth	0 MHz to 3 GHz
Impedance	75 Ohms
Shielding Effectiveness	Min. 140 dB @ 30-1000 MHz, 120 dB @ 1000-3000 MHz
Temperature	
Installing	23 to 122° F (-5 to 50° C)
Operating	-40 to 212° F (-40 to 100° C)
Storing	-40 to 212° F (-40 to 100° C)
Cable Range	RG11 Cable, 60% to quad-shield
Overall Maximum Tensile Strength	270 N

**Physical Characteristics**

Mating Mechanism	7/16 Hex 3/8-32 UNEF threading
Construction Material	Brass CuZn 39Pb3
O-ring	EPDM / Orange
Body Part Plating	Nickel
Inner Conductor Plating	Nickel

**Tool**

Compression Tools	Standard 21 mm compression stroke length tools
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**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