

## UHF Male Connector for 1/2" Coaxial Cable, Knurled nut O-ring sealing, Brass/Silver

Radio Frequency Systems line of high performance coaxial cable connectors are designed specifically to provide the highest quality connector-cable interface while simplifying and speeding up the attachment of connectors to CELLFLEX® coaxial cables. RFS connectors are fully tested for mechanical and electrical compliance specifications. They are available in all popular cable sizes in a variety of mating interfaces.;



UHF Male

### FEATURES / BENEFITS

- ➡ Waterproof - The only totally waterproof connector in the industry. Compliant with IP68 water immersion testing. Press fit contact/bead O-ring keeps out moisture and prevents vacuum build-up and air exchange due to temperature swings.
- ➡ Solderless - Captivated spring finger contacts permit quick, easy and precise solderless installation utilizing only basic hand tools. Avoids the potential high impedance risk associated with traditional soldering.
- ➡ Self Flaring - Self flaring design reduces installation time and thus, saves on labor costs.
- ➡ Corrosion-Proof Plated Contacts - Featured even on standard connectors. Provide improved contact resistance and lower intermodulation.
- ➡ Outstanding Electrical Performance - Metal to Metal contact between cable and connector - no plastic parts used. Secure connection highly resistant to pull-off or twist-off provides long-term mechanical integrity. Resistant to intermodulation after temperature cycling.
- ➡ Easy to Install - No special tools needed. Only basic hand tools required. No additional costs to the installer.

### Technical Features

#### GENERAL SPECIFICATIONS

Transmission Line Type		Coaxial Cable
Cable Size		1/2"
Cable Type		Foam Dielectric Superflexible
Model Series		LCF12-50 Series ICA12-50 Series
Connector Interface		UHF
Connector Type		Knurled nut
Sealing Method		O-ring
Gender		Male

#### ELECTRICAL SPECIFICATIONS

Nominal Impedance	Ohm	50
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#### MECHANICAL SPECIFICATIONS

Plating Outer/Inner		Brass/Silver
Length	mm (in)	66 (2.6)
Outer Diameter	mm (in)	22.1 (0.9)
Weight	kg (lb)	0.1 (0.22)
Inner Contact Attachment		Soldered
Outer Contact Attachment		Tab Flare

#### ACCESSORIES

Wrench size front	mm (in)	19 (3/4)
Wrench size rear	mm (in)	19 (3/4)
Trimming Tool		TRIM-Series-B

### External Document Links

### Notes