



7/8" EIA Connector for 1-5/8" Coaxial Cable, Gas Pass O-ring sealing, Brass/Silver

Product Description

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 HELIFLEX® 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. To join two cables with EIA connectors, two identical socket connectors are installed on either end of the cables to be joined, and a coupling element is used to make the connection of the center conductor. The coupling element must be ordered separately with the exception of the S-Line male versions that have a captivated coupling element. Connectors are available in sizes matching the nominal cable size. EIA connectors provide optimal power handling for the complete transmission line system.



Connector 7/8" EIA

Features/Benefits

- Solderless - Captivated spring finger contacts permit quick, easy and precise solderless installation utilizing only basic hand tools. Avoids the high impedance risk associated with soldering.
- Corrosion-Proof Silver 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 Specifications

Transmission Line Type	Coaxial Cable
Cable Size	1-5/8"
Cable Type	Air Dielectric
Model Series	HCA158-50 Series
Connector Interface	7/8" EIA
Connector Type	Gas Pass
Sealing Method	O-ring
Gender	None
Plating Outer/Inner	Brass/Silver
Length, mm (in)	105 (4.14)
Outer Diameter, mm (in)	63 (2.5)
Weight, kg (lb)	1.81 (3.99)
Inner Contact Attachment	Threaded
Outer Contact Attachment	Tab Flare
Wrench size front, mm (in)	29 (1-1/8)
Wrench size rear, mm (in)	58 (2-1/4)

Notes

Other Documentation

All information contained in the present datasheet is subject to confirmation at time of ordering