PRODUCT DATASHEET

NF-HCA158-002

N Female Connector for 1-5/8" Coaxial Cable, Straight 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 Air Dielectric Cable® coaxial cables. RFS Technologies connectors are fully tested for mechanical and electrical compliance specifications. They are available in all popular cable sizes in a variety of mating interfaces.;

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 Gold 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.



Connector N Female

Technical features

GENERAL SPECIFICATIONS

Transmission Line Type		Coaxial Cable
Cable Size		1-5/8
Cable Type		Air Dielectric
Model Series		HCA158-50 Series
Connector Interface		N
Connector Type		Straight
Sealing Method		O-ring
Gender		Female

MECHANICAL SPECIFICATIONS

Plating Outer/Inner		Brass/Silver
Length	mm (in)	135 (5.31)
Outer Diameter	mm (in)	63 (2.5)
Inner Contact Attachment		Threaded
Outer Contact Attachment		Tab Flare

ACCESSORIES

Wrench size front	mm (in)	29 (1-1/8)
Wrench size rear	mm (in)	58 (2-1/4)

External Document Links

Notes

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering