

## PRODUCT DATASHEET **NF-RA158-016** N Female Connector for 1-5/8" RADIAFLEX® cable

These single-piece 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 RADIAFLEX® cables. The connectors provide outstanding value to users because they permit quick, easy and reliable installation at any location, thereby allowing the operator flexibility while saving installation time and money. They attach to prepared cable in one piece assuring error-free attachment. All connectors are fully tested for mechanical and electrical compliance specifications. They are available in all popular cable sizes in both type N and 7-16 DIN interface. FEATURES / BENEFITS

- Single-piece design for Fast and Easy Installation Reliable and simple attachment avoids unnecessary connector adjustments and provides outstanding performance. Saves time and provides cost savings.
- Robust Mechanical Design Low and consistent IM performance.
- Excellent Electrical Performance Low VSWR



• Totally Waterproof - Assures safe, long term operation in the harshest of environments.

External Document Links	Notes
Application Note	
Installation Instruction	

## **Technical features**

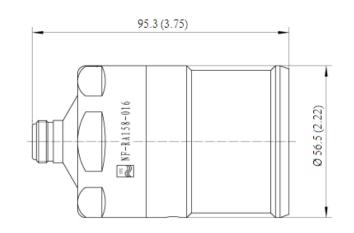
## **GENERAL SPECIFICATIONS**

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Transmission Line Type		Coaxial Cable		
Cable Size		1-5/8		
Cable Type		Radiating		
Model Series		all RLF, RLK, RLV and RAY158-50A-Series		
Connector Interface		Ν		
Connector Type		Straight		
Sealing Method		Shrinking Sleeve		
Gender		Female		
ELECTRICAL SPECIFICATIONS				
Nominal Impedance, ohms	Ohm	50		
Maximum Frequency	GHz	3.0		
MECHANICAL SPECIFICATIONS				
Length	mm (in)	95.3 (3.75)		
Outer Diameter	mm (in)	56.5 (2.22)		
Body Material		Brass / Plating: Tri metal		
Inner Contact Material		Copper / Plating: Silver		
Inner Contact Attachment		Spring Finger / Plating: silver		
Outer Contact Attachment		Spring loop / Plating: silver		
ACCESSORIES				
Trimming Tool		TRIM-114-C12		
TESTING AND ENVIRONMENTAL				
Waterproof Level		IP68		

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