

PRODUCT DATASHEET **NF-RA12-012** N Female Connector for 1/2" 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.



RADIAFLEX connector

Technical features

GENERAL SPECIFICATIONS

GENERAL SPECIFICATIONS Transmission Line Type		Coaxial Cable	
Cable Size		1/2	
Cable Type		Radiating	
Model Series		all ALF and RLK12-50A-Series	
Connector Interface		Ν	
Connector Type		Straight	
Sealing Method		Shrinking Sleeve	
Gender		Female	
ELECTRICAL SPECIFICATIONS			
Nominal Impedance, ohms	Ohm	50	
Maximum Frequency	GHz	6.0	
MECHANICAL SPECIFICATIONS			
Length	mm (in)	70.8 (2.79)	
Outer Diameter	mm (in)	26.8 (1.06)	
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	
TESTING AND ENVIRONMENTAL			
Waterproof Level		IP68	

NF-RA12-012

REV : B



