



Overview

The 18 GHz N-Type connector series is an expansion of the popular N-Type product line and offers all the same features and benefits with an extended frequency range. These connectors are designed to offer excellent low PIM performance in a reliable medium-sized package. The durable construction makes them ideal for rugged, outdoor applications which require faster data transmission rates.

18 GHz N-Type connectors feature the familiar threaded coupling mechanism for vibration resistance and low VSWR and insertion loss.

Features and Benefits

- Extended frequency range through 18 GHz
- Excellent low PIM Performance
- High power handling
- Ruggedized construction
- Threaded coupling mechanism ideal for vibration resistance

Applications

- Microwave
- Wireless Infrastructure
- Instrumentation
- Radar Systems
- Surge Protection
- Power Amplifiers
- Military
- Industrial

Ordering Information

Straight 18 GHz N-Type for RG-402 and 0.141" Semi-Rigid Cable

Part Number	Configuration	
082-6671	Straight 18 GHz N-Type Bulkhead Jack	
082-6672	Straight 18 GHz N-Type Jack	
082-6673	Straight 18 GHz N-Type Plug	

Amphenol RF

Four Old Newtown Road
Danbury, CT 06810

For more information visit: www.amphenolrf.com or
call 800.627.7100

Amphenol® RF

Technical Specifications

Electrical

Impedance	50 Ω	
Frequency Range	DC - 18 GHz	
VSWR(Return Loss)	1.2 Max @ 18 GHz	
Dielectric Withstanding Voltage	1500 VRMSMin	
PIM	-166 dBc @ 2X20W	
Insulation Resistance	5000 mΩ Min	
Contact Resistance	Center Contact	0.2 mΩ
	Outer Contact	0.2 mΩ

Environmental

Temperature Range	-65°C to +165°C
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Mechanical

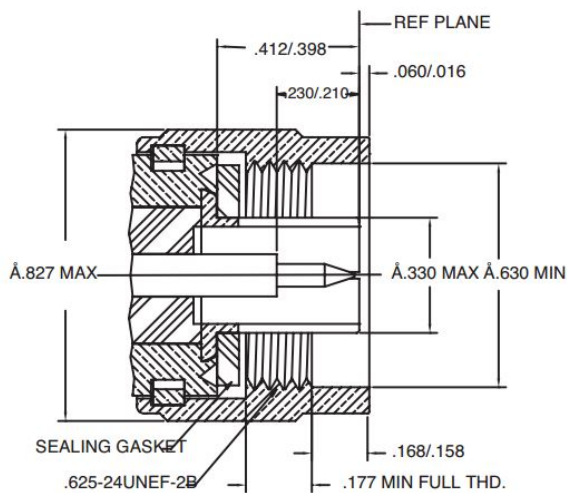
Mating	Threaded
Durability	500 Cycles Min.

Materials

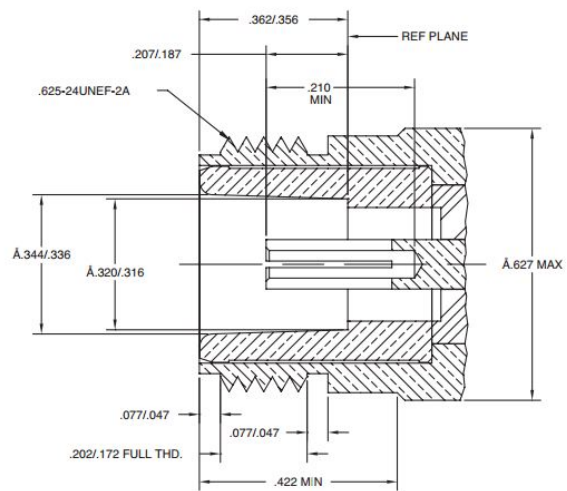
Body	Brass, White Bronze Plating
Contact	Beryllium Copper, Silver Plating
Insulator	PTFE

Interface Dimensions

Plug



Jack



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