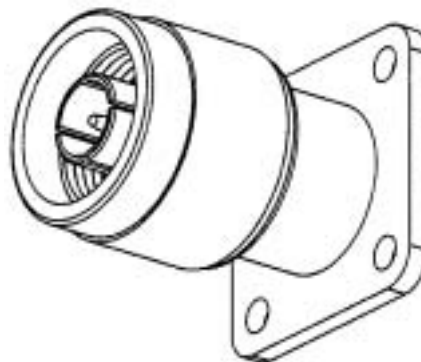


N Series

75 Ohms

Screw Thread Coupling



Features

- Small
- Weatherproof
- For applications below 2 GHz

Options

- Small and Medium Sized Cables
- Straight, Right-Angle, Long Crimp, Short Crimp, Flange Mount, Single Hole Mount, Printed Circuit Board, Cap and Chain, Termination and Tee types available
- Adapters available

Specifications

- QQ-B-626
- MIL-STD-348
- MIL-STD-202
- MIL-G-45204
- QQ-S-365
- ZZ-R-765

Mating Data

- RG-/U Cables (See page 30-9)

Technical Data

Materials

- Body Parts Brass, QQ-B-626, 1/2 HD.
- Contacts
 - ▶ Male Brass QQ-B-626, 1/2 HD.
 - ▶ Female Beryllium copper QQ-C-530 Heat treated to condition HT
- Insulators PTFE Fluorocarbon
- Gaskets Rubber ZZ-R-765

Plating

All parts plated to meet finish and corrosion requirements of MIL-C-39012

- Finish
 - ▶ Gold MIL-G-45204
 - ▶ Nickel IP23
 - ▶ Silver QQ-S-365
 - ▶ Tri-Alloy P20

Electrical Performance

- Impedance 75Ω nominal
- Frequency Range 0 to 2 GHz

- Insulation Resistance 5,000 MΩ Minimum
- Voltage Rating 1000 VRMS working Voltage
- Dielectric Withstanding 1,500 VRMS at sea level
- Contact Resistance
 - ▶ Outer contact 0.2 mΩ Maximum
 - ▶ Center contact 1.0 mΩ Maximum

Mechanical Performance

- Force to Engage and Disengage
 - ▶ Torque 3 inch-lbs Maximum
- Coupling Nut Retention Force 100 lbs Minimum
- Connector Durability 500 cycles Minimum

Operating Environment

- Temperature range -65°C to +165°C
- Corrosion (salt spray) . MIL-STD-202, method 101, cond. B
- Moisture Resistance MIL-STD-202, method 106

Packaging

- Single Bags
- Custom packaging available upon request.

Customer Support Materials

Description

Customer Product Drawings By Part Number
Product Substitutions Contact Technical Support

Order No.

Description

Product Samples Upon Request
Test Data Upon Request

Order No.