

50Ω Right Angle Cable Mount, N
Connector, Plug

RoHS
Compliant

Stock No.: 2956769C023

FEATURES

- 50Ω Impedance
- N Connector
- Cable Mount



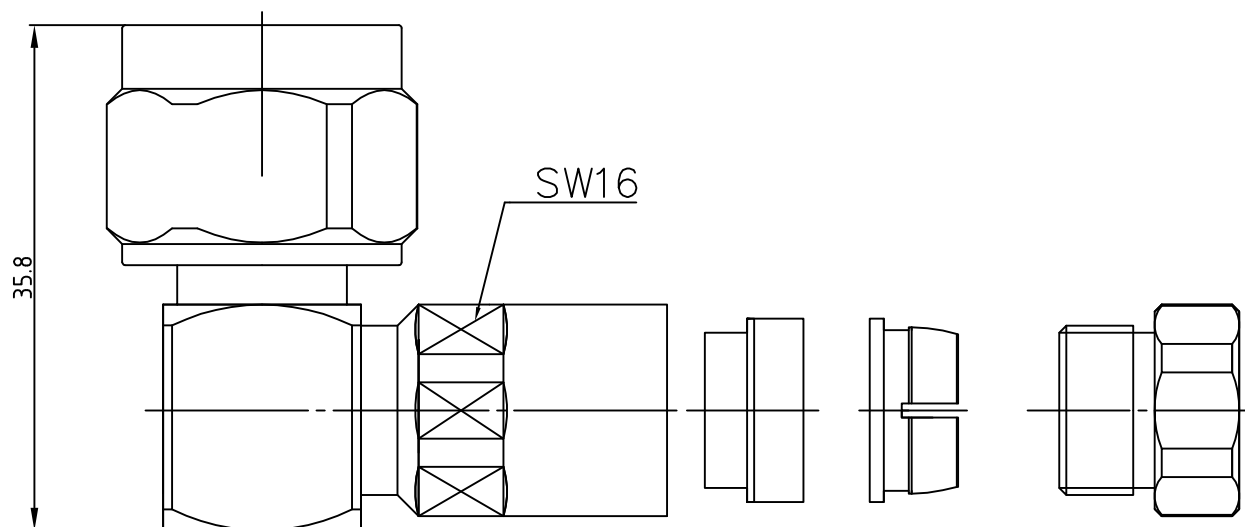
Product Description

50 Ohm N series right angle RF coaxial cable plug connectors with screw-on mating and a cable clamp termination. These 50 Ohm N series straight RF coax cable clamp plugs have a PTFE dielectric, nickel plated body, gold plated centre contact and are available for use with a variety of RF coaxial cable types including RG213, RG214, RG58 and RG 223.

General Specifications

Attribute	Value
Gender	Male
Coaxial Connector Type	N Connector
Mounting Type	Cable Mount
Impedance	50Ω
Termination Method	Clamp
Body Orientation	Right Angle
Cable Type	RG11, RG144, RG165, RG213, RG214, RG216, RG393
Operating Frequency	0 → 3GHz
Minimum Operating Temperature	-55°C
Maximum Operating Temperature	155°C
Contact Material	Spring copper
Contact Plating	Gold, Silver

Product Drawing



1 Electrical

- 1.1 Impedance: 50Ω
- 1.2 Frequency Range: DC-3GHz
- 1.3 VSWR: ≤ 1.15
- 1.4 Insertion Loss: ≤ 0.1
- 1.5 Proof voltage: 2500V(volts RMS)
- 1.6 Center contact resistance $\leq 0.8M\Omega$
- 1.7 Outer contact resistance $\leq 0.4M\Omega$
- 1.8 Insulation resistance: $\geq 5000M\Omega$

2 Materials&plating

- 2.1 Body: Brass, Copper-tin-zin $2\mu m$
- 2.2 Insulator: PTFE
- 2.3 Contact Pin: Spring copper, Ag $\geq 5\mu m$
- 2.4 Nut: Brass, Ni $\geq 5\mu m$

Environmental Mechanical

- 3.1 Temperature range: $-55^{\circ}C \sim +155^{\circ}C$
- 3.2 RoHS Compliant
- 3.3 Durability: ≥ 500 cycles
- 3.4 Weather standard IEC 60068 55 / 155 / 56
- 3.5 Thermal shock US MIL-STD 202, Meth.107, Cond.
- 3.6 Vibration US MIL-STD 202, Meth.204, Cond.B
- 3.7 Shock US MIL-STD 202, Meth.213, Cond.I
- 3.8 Waterproof standard IP67

4 Mechanical Performance

- 4.1 Nut torque: 5N.m
- 4.2 (Nut)whorl pull: 500N
- 4.3 Tensile Force(cable-connect): 400N
- 4.4 Torsion(cable-connect): 2N.m

Dimensions: Millimeters (Inches)

Part Number Table

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