

## FEATURES

- Solid flange
- Gold-plated contacts provide excellent signal connectivity
- 50  $\Omega$  impedance
- Operating frequency is 11GHz
- Insulation: PTFE

## RS PRO Family Name

RS Stock No.: 2469498



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

**Product Description**

This flange adapter connects the SMA socket connector to the type N coaxial connector. The adapter has a nickel plated body and Durable screw-in flange that can be easily installed in panels and equipment housings as feed-in connectors.

The feed-through SMA to N connector provides excellent performance characteristics for easy connection of corresponding cable assemblies.

SMA or Ultra-micro A connectors are used for RF applications up to 18 GHz and are typically found in Wi-Fi systems. The N-type connector is a larger RF connector designed for higher power applications in broadcasting and communication equipment such as antennas and base stations. This serial adapter allows connections between two wiring types, which is useful for integrating different devices in laboratory or field applications.

**General Specifications**

Adapter Type	SMA Jack to N Jack
Adapter Type A	SMA
Adapter Type B	N
Gender A	Socket
Gender B	Socket
Body Plating	Nickel
Contact Plating	Gold
Contact Material	Brass
Contact Plating	Gold
Insulation Material	PTFE
Installation method	Panel installation

**Electrical Specifications**

Temperature Range	-65°~+165°
Characteristic Impedance	50Ω
Frequency Range	0~11GHz
Working Voltage	500V
Insulation Resistance	≥1000MΩ
Medium Pressure	1000V(rms)
VSWR	≤1.3
Working Life	500Cycles

**Protection Category**

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**Additional Information**

EAN	
Custom Tariff Number	

**Classification**

eCl@ss (Version)	
UNSPSC (Version)	

**Approvals**

Declarations	CE
Hazardous Area Certification	
Standards Met	ROHS

**Similar Products**

Stock No.	Brand	Product Name	Attribute 1	Attribute 2	Attribute 3
8782390	RS PRO	RF adapter	50Ω impedance	Operating frequency is 11GHz	

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories

