

Features

- 50 Ω impedance
- Operating frequency is 4GHz
- Copper body nickel plating
- Gold-plated contacts provides high load structure quality

RS PRO RF Connector

RS Stock No.: 246-9448



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

This BNC panel socket connector is designed for use with coaxial cable and features an easy-to-end welded pin design. Connectors have solid integrated flanges for holding panel fasteners.

The connector features a rugged nickel-plated body with the safe and convenient bayonet coupling system typical of BNC connectors. The centre pin contact is silver-plated for excellent thermal conductivity and PTFE insulation for increased reliability.

BNC connectors are used for a variety of RF signal applications. Although they are most commonly used in radio and television broadcasting applications, they can also be used in medical and test equipment

General Specifications

Type of coaxial connector	BNC female
Interface standard	IEC 61169-8

Material and finishing

Type of coaxial connector	BNC
Adapter Type A	BNC
Gender A	Female
Body Orientation	Straight
Body Plating	Nickel 100u"
Body Material	Copper
Contact Material	Phosphor copper
Contact Plating	Gold
Insulation Material	PTFE
Mounting Type	Panel Mount
Polarity	Normal
Termination Method	Solder
Bulkhead	Yes

Mechanical Specifications

Retention force of the inner conductor	0.56N(N)
--	----------

Electrical Specifications

Characteristic Impedance	50Ω
Frequency Range	0~4GHz

Protection Category

Operating Temperature Range	-40°C~+85°C
Storage Temperature Range	-40°C~+85°C
Product Life Cycle (PLM)	500Cycles

Approvals

Declarations	CE
Hazardous Area Certification	-
Standards Met	ROHS

Similar Products

Stock No.	Brand	Product Name	Attribute 1	Attribute 2	Attribute 3
5464487	RS PRO	RF coaxial attenuator	50Ω impedance	Operating frequency is 4GHz	

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories

Unit:mm

