

## FEATURES

- BNC socket to 2 x BNC socket goalpost adapter
- RF adapter
- Impedance of 50  $\Omega$
- Nickel-plated body to resist corrosion
- Gold-plated contacts
- 38.2 $\pm$ 0.3mm
- Uses include video signalling and test equipment
- Operating temperature range of -65 to +85°C
- Operating frequency of 1 GHz
- Insulation resistance rated at 5,000 m $\Omega$  for a minute
- Internal insulator made from PTFE

## Tee 50 $\Omega$ RF Adapter BNC Plug to BNC Socket 1GHz

RS Stock No.: 303-4961



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

Need to turn one BNC socket into two to make a quick radio-frequency (RF) connection between coaxial cables? This 50  $\Omega$  goalpost adapter from the RS PRO range will let you do just that. It's nickel-plated body, nuts and washers are resistant to corrosion. A gold-plated centre contact optimises signal transmission, with a maximum contact resistance of 1.5m $\Omega$  on the centre contact and 0.5m $\Omega$  on the outer contact. The unit will survive at least 500 mating cycles.

## General Specifications

<b>Adapter Type</b>	BNC Dual Socket to Plug
<b>Adapter Type A</b>	BNC
<b>Adapter Type B</b>	BNC
<b>Gender A</b>	Male
<b>Gender B</b>	Female
<b>Body Orientation</b>	Tee
<b>Contact Plating</b>	Gold
<b>Body Plating</b>	Nickel
<b>Contact Material</b>	Brass
<b>Insulation Material</b>	PTFE
<b>Body Material</b>	Brass
<b>Centre contact Material</b>	Gold
<b>Body Finish</b>	Nickel
<b>Centre Contact Finish</b>	Gold
<b>Colour</b>	Silver
<b>Applications</b>	Laboratory, Test and measurement, Communications, Base stations, GPS, LAN, Antennas

## Electrical Specifications

<b>Impedance</b>	50Ω
<b>Operating Frequency</b>	1GHz (75Ω), 4GHz (50Ω)
<b>Voltage Rating</b>	335V
<b>Centre Contact Resistance</b>	1.5mΩ Max.
<b>Outer Contact Resistance</b>	0.5mΩ Max.
<b>Insulation Resistance</b>	5000MΩ Min.
<b>Voltage Proof</b>	750V

## Mechanical Specifications

<b>Length</b>	38.2 ±0.3mm
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## Operation Environment Specifications

<b>Operating Temperature</b>	-65°C to +85°C
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## Approvals

<b>Compliance/Certifications</b>	8888 Approved
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