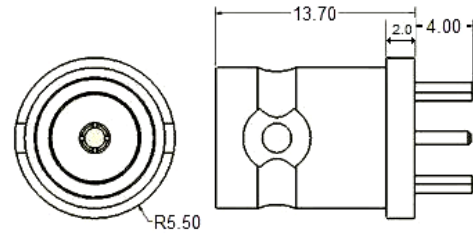


Real 75 Ohm BNC connectors for HDTV Broadcast Applications

Top Entry PCB Mounting

Features

- Real 75 Ohm BNC Connector
- Designed for HD SDV applications
- RoHS Compliant
- Real 75 ohm BNC patch leads also available



General Description

Straight PCB mounting Real 75 ohm female BNC connector. Although superficially similar to standard 75 ohm BNC products, enhanced internal geometry and the use of specialised materials produces a product with Real 75 ohm performance.

Applications

It is specifically designed for the broadcast industry for use in HDTV, Serial Video applications where accurate 75 ohm connectivity is necessary.

Specification		
Electrical		
Impedance	75 Ohm	
Frequency Range	0 – 3.0 GHz	
Working Voltage	500 V _{rms}	
Dielectric Withstanding Voltage	1500 V _{rms}	
Reflection Factor (V _{SWR})	1.08 (Max) DC-1.5GHz 1.16 (Max) 1.5GHz-3.0GHz	
Contact Resistance	Centre contact 1.5 m ohm Outer contact 1.0 m ohm	
Insulation Resistance	> 5000 Meg Ohm	
*Materials		
Centre Pin - female	Phosphor Bronze/10µ " Au	
Centre Pin - male	Brass	
Metal Parts	Brass / Nickel	
Insulators	Teflon®	



C-SX-063

* Other materials such as Gold Plating are available to customer requirement..

Cable terminated Real 75 ohm BNC connectors and patch leads

To complement these products Cambridge Connectors also produces Real 75 ohm BNC connectors for a variety of cable types and patch leads in either standard length or built to customer specification.

For more details contact our applications engineers on.

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