

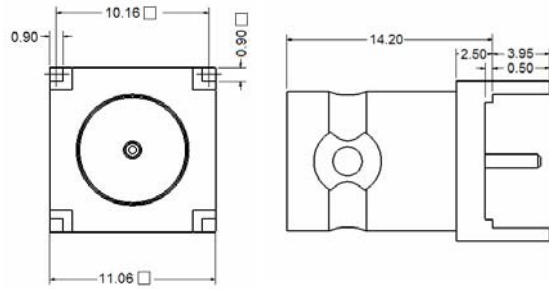
Real 75 Ohm BNC connectors for HDTV Broadcast Applications

**Top Entry PCB Mounting Square Base 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 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.



with square base. Although

**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 <sub>rms</sub>
Dielectric Withstanding Voltage		1500 V <sub>rms</sub>
Reflection Factor (VSWR)		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-068**

\* Other materials such as Gold Plating (as illustrated) 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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