

Real 75 ohm BNC Connectors for HDTV Serial Video Applications Crimp Cable Terminating Connector

Features

- Real 75 Ohm BNC Connector
- Designed for HD SDV applications
- Suitable for wide range of cable styles
- RoHS Compliant
- Real 75 ohm BNC patch leads also available

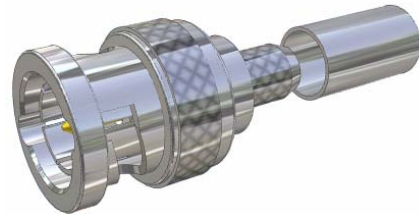
General Description

Straight crimp cable terminating Real 75 ohm 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 ^(VSWR)	1.08 ^(Max) DC-1.5GHz 1.16 ^(Max) 1.5GHz-3.0GHz	
Contact Resistance	Centre contact 1.5 m ohm Outer contact 0.2 m ohm	
Insulation Resistance	> 5000 Meg Ohm	
*Materials		
Centre Pin - male	Brass	
Metal Parts	Brass / Nickel	
Insulators	Teflon [®]	
Gasket	Silicone Rubber	
Crimp Sleeve	Annealed Copper	



XBT-1062-NGxx*

*A wide range of 75 ohm cable types can be used including the following:

Cable type	*xx Cable Group
BT2002	AG
BT2003	AR
BT3002	AL
PSF 1/2	AM
PSF 1/3M	AH
RG59B/U	AB
RG140/U	AB
RG179B/U	AF
RG210/U	AC
S-02YCCY0.51/2.3	AP
URM90	AB
URM96	AC
RG6	AS
2YCY	AX

Real 75 ohm BNC patch leads

To complement these products Cambridge Connectors also produces Real 75 ohm BNC patch leads in either standard length or built to customer specification.

For more details contact our applications engineers on.

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