

Precision 75 ohm BNC Connectors for HDTV Serial Video Applications Crimp Cable Terminating Connectors and Patch Cables

Features

- Precision 75 Ohm BNC Connector
- Designed for HD SDV applications
- Suitable for wide range of cable styles
- RoHS Compliant
- Fully assembled precision 75 ohm BNC patch cables available in standard and custom lengths

General Description

Straight crimp cable terminating Precision 75 ohm BNC connector. Although superficially similar to standard 75 ohm BNC products, enhanced geometry and the use of specialised materials produces a product with Precision 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

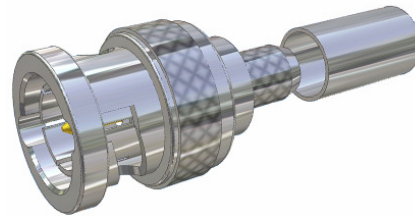
Specification

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 terminated Precision 75 ohm BNC connectors and patch leads

To complement these products Cambridge Connectors also produces: -

- Precision 75 ohm cable terminated connectors for a variety of cable types
- BNC to 1.0/2.3 adaptors
- BNC to 1.0/2.3 adaptor leads
- BNC to MCX adaptor leads
- Fully assembled Patch Cables in standard and custom lengths

Cable type	*xx Cable Group
Belden 1505A	AB
Belden 1694A	AS
RG179	AF
Belden 1855A	BA

For more details contact our applications engineers on.

Tel: 01223 860041

Fax: 01223 863625

Email: technical@cambridgeconnectors.com Web www.cambridgeconnectors.com

