

12GHz Micro BNC Coaxial Connectors

Micro BNC Cable Terminated Plug for 12G Applications

Part Number XPT-D001-NGXX

General Description

Our range of 12GHz Precision Micro BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications and have been developed under the CoaxVision™ Brand name, while meeting the J1A CoaXPress specification. These high performance connectors allow you to achieve a 12GHz channel in one single connection. The Micro BNC connectors are mateable with any standard Micro BNC connector, but optimum performance is achieved when PCB mounted styles are interfaced with these Cambridge Connectors 12GHz Micro BNC plugs, designed for use with 12GHz cable (such as Belden 4855R, 1694A, 4694R, 4505R).

The XPT-D001-NGXX connector is a cable mounted Micro BNC plug, which can be used with Belden cables for 12G applications.

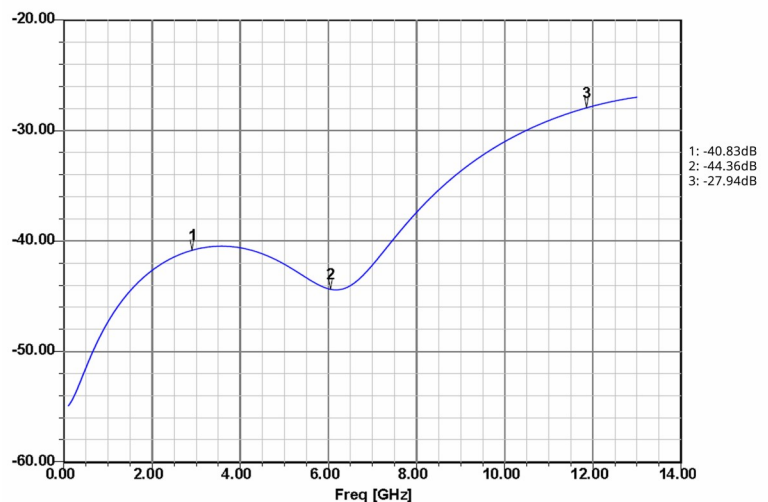


Electrical Specification

| | |
|----------------------------------|--|
| Impedance: | 75Ω |
| Frequency Range: | 0-12GHz |
| Working Voltage: | 250Vrms |
| Dielectric Withstanding Voltage: | 500Vrms |
| Contact Resistance: | Centre contact ≤10mΩ Outer contact ≤3mΩ |
| Insulation Resistance: | ≥1 GΩ |
| Connector Type: | Male |
| Materials | |
| Centre Pin: | BeCu / 1 μ" Au |
| Metal Parts: | Brass/Ni |
| Insulators: | PTFE |
| Environmental | |
| Temp Range: | -40 to +85°C |
| Mating Cycles: | 500 |

Features

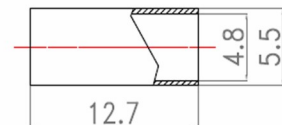
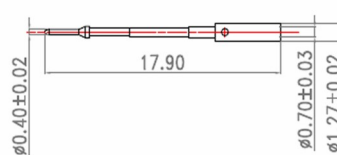
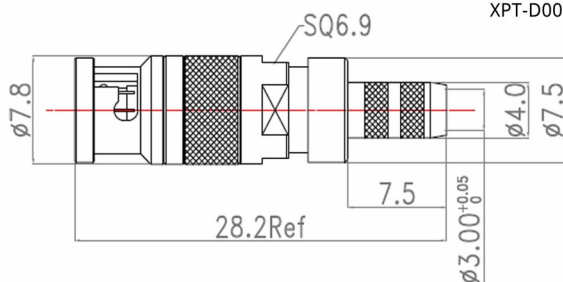
- Precision 12GHz 75Ω Micro BNC Cable Terminated Connectors
- Optimised for 4K/Quad HD and Ultra HD Broadcast Applications
- One single connection for each 12GHz Channel



12GSDI

CoaxVision™

XPT-D001-NGBA for Belden B4855R



XPT-D001-NGAS for Belden B4694R

