CAMBRIDGE ELECTRONIC INDUSTRIES

75Ω Micro BNC Socket 12GHz Cable Mount for Cable Group BA

Part Number XPT-D002-NGBA
Issue 1.1

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 CoaxVisionTM Brand name, while meeting the JIIA 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 matched with one of our PCB mounted connectors.



The XPT-D002-NGBA connector is a cable mounted Micro BNC free socket, for cables in the BA group, which includes Belden 1855A & 4855R as well as Mini RG59 size cables. It is recommended that the centre pin of this connector is soldered to the cable whilst the ferrule can be crimped.

Electrical

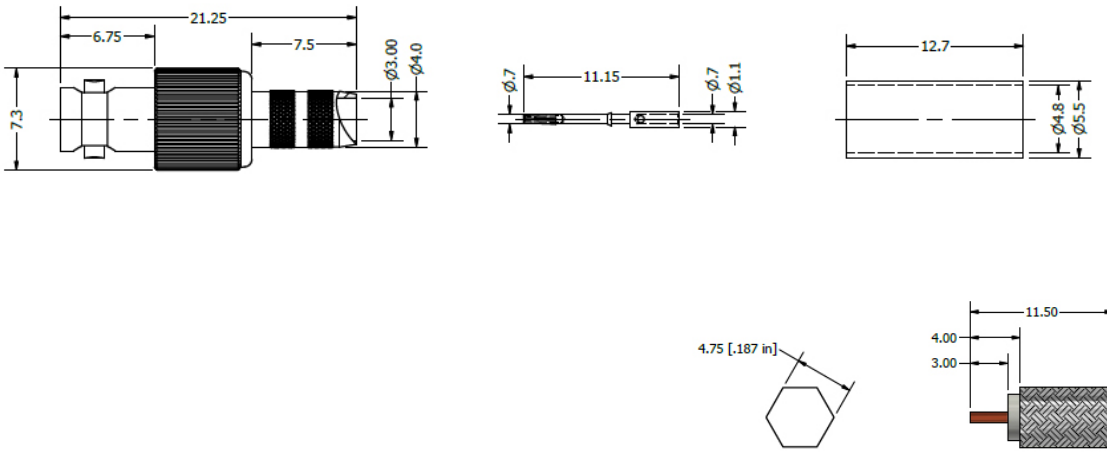
Impedance		75Ω
Frequency Range		0-12GHz
Working Voltage		500Vrms
Dielectric Withstanding Voltage		1000Vrms
Insulation Resistance		≥5000MΩ
Contact Resistance	Centre Contact	≤3.0mΩ
	Outer Contact	≤2.5mΩ

Materials

Centre Pin	Beryllium Copper / Au
Metal Parts	Brass/Ni
Insulators	PTFE

Environmental

Connector Type	Micro BNC Female
Temp Range	-65 to +165°C



XPT-D002-NGBA - Drawing and Cable Preparation (Issue 1.1)

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