CAMBRIDGE ELECTRONIC INDUSTRIES

75Ω BNC Socket 12GHz Cable Mount for Cable Groups AB and BA

Part Number XBT-1070-NGXX
Issue 1.0

General Description

The XBT-1070-NGXX is a 12 GHz cable-mounted socket designed for high-frequency broadcast applications, supporting 4K/Quad HD and Ultra HD video transmission in accordance with SMPTE ST 2082 and CoaXPress CXP12 standards.



For optimum high-frequency electrical performance, the centre contact is recommended to be soldered to the cable, providing a reliable low-loss signal connection. The rear ferrule is crimped onto the cable to provide a secure and mechanically robust cable termination suitable for professional broadcast applications.
The connector is available for a number of different cable sizes including:

- XBT-1070-NGAB - Belden 1505A &4505R, RG140/U, RG59, RG59B/U, URM 90
- XBT-1070-NGBA - Belden 1855A & 4855R, Mini RG59

Electrical

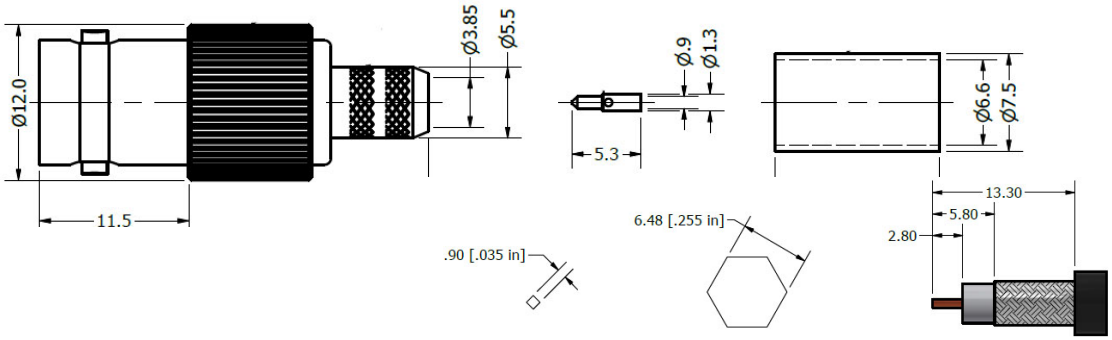
Impedance	75Ω
Frequency Range	0-12GHz

Materials

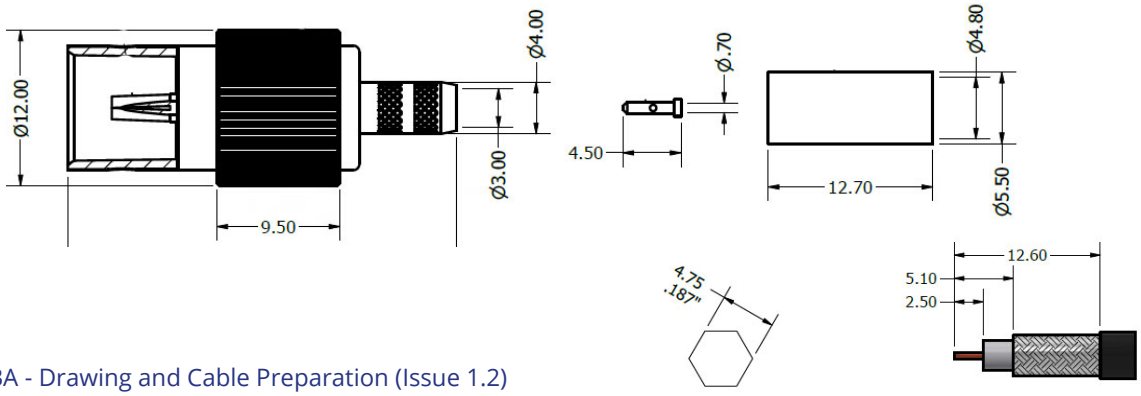
Centre Pin	Beryllium Copper / Au
Metal Parts	Brass/Ni
Insulators	PTFE

Environmental

Connector Type	BNC Female



XBT-1070-NGAB - Drawing and Cable Preparation (Issue 1.1)



XBT-1070-NGBA - Drawing and Cable Preparation (Issue 1.2)

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