

General Description

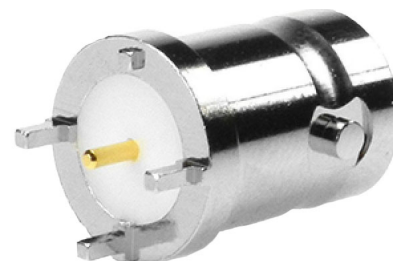
Our range of 12GHz Precision BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications and have been developed under the CoaxVision™ Brand name, while meeting the J11A CoaXPress specification. These high performance connectors allow you to achieve a 12GHz channel in one single connection. The XBS-12-TE38-NNI connector is a top entry BNC connector with 3 legs and a stand off. The connector is made for PCB thicknesses up to 3.7mm.

This connector was formerly sold as:
C-SX-150 as a connector only part



Electrical

| | | |
|---------------------------------|----------------|---|
| Impedance | | 75Ω |
| Frequency Range | | 0-12GHz |
| Working Voltage | | 500Vrms |
| Reflection Factor (VSWR) | | 1.04 (max) 0-6GHz 1.11 (max) 6-12GHz |
| Dielectric Withstanding Voltage | | 1500Vrms |
| Insulation Resistance | | ≥5000MΩ |
| Contact Resistance | Centre Contact | ≤ 1.5mΩ |
| | Outer Contact | ≤ 1.0mΩ |

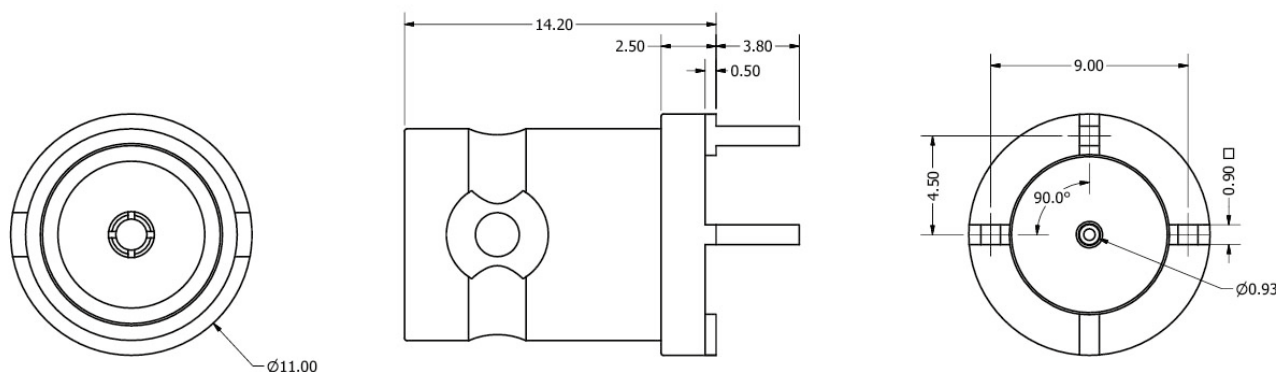


Materials

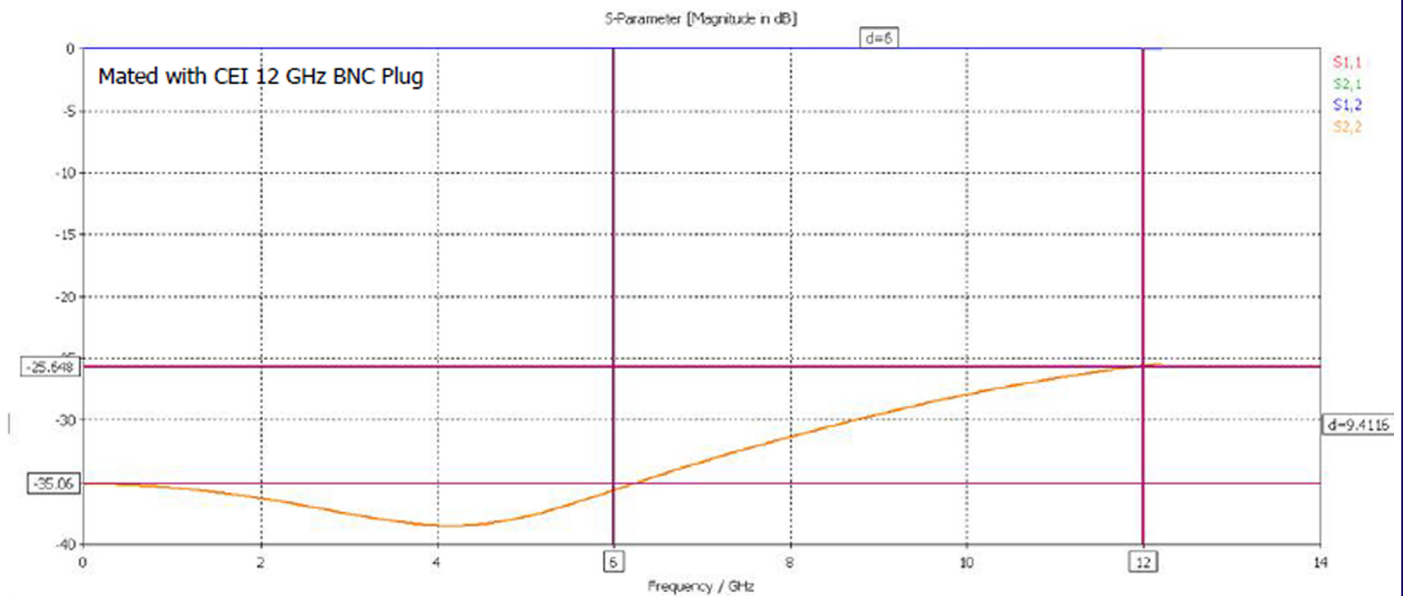
| | |
|-------------|----------------------|
| Centre Pin | PhosBronze / 10 μ"Au |
| Metal Parts | Brass/Ni |
| Insulators | PTFE |

Environmental

| | |
|----------------|--------------|
| Connector Type | BNC Female |
| Temp Range | -65 to +85°C |
| Mating Cycles | 250 |



Return Loss Graph



PCB Layout

