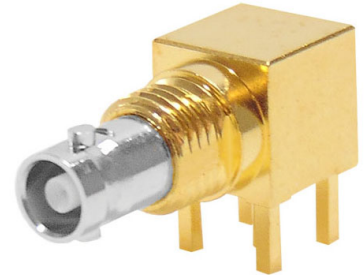


## General Description

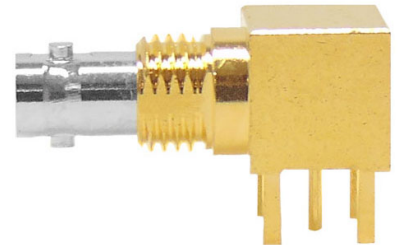
Our range of 12GHz Precision Micro BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications whilst meeting the J11A CXP-12 CoaXPress specification. These high performance connectors allow you to achieve a 12GHz channel in one single connection. The Micro BNC connectors are mateable with any standard Micro BNC connector. The XPS-12-RB42-GNL is a right angle Bulkhead Micro BNC socket with a longer body section for PCB thicknesses up to 4.1mm

This connector was formerly sold as:  
C-SX-185 when supplied with ANP-C2-CBN-1.60 (2 slot nut)



## Electrical

|                                 |                   |         |
|---------------------------------|-------------------|---------|
| Impedance                       | 75Ω               |         |
| Frequency Range                 | 0-12GHz           |         |
| Working Voltage                 | 170Vrms           |         |
| Reflection Factor (VSWR)        | 1.2 (max) 0-12GHz |         |
| Dielectric Withstanding Voltage | 500Vrms           |         |
| Insulation Resistance           | ≥1000MΩ           |         |
| Contact Resistance              | Centre Contact    | ≤ 5.0mΩ |
|                                 | Outer Contact     | ≤ 2.5mΩ |

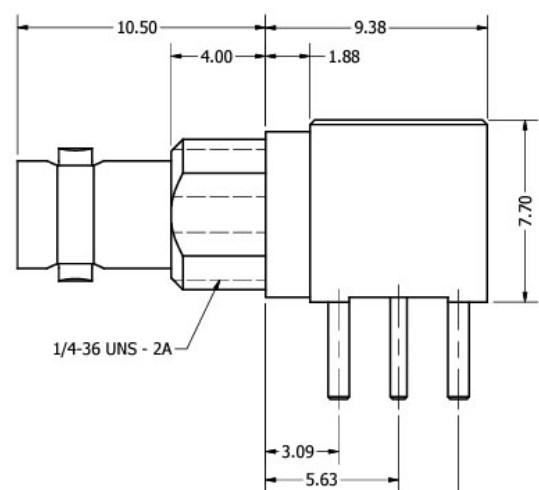
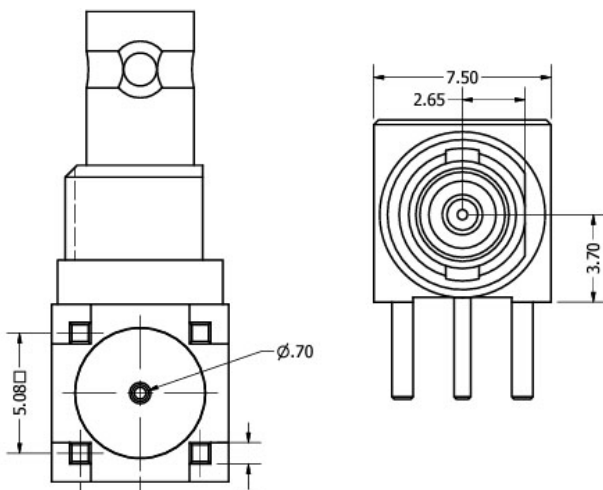


## Materials

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

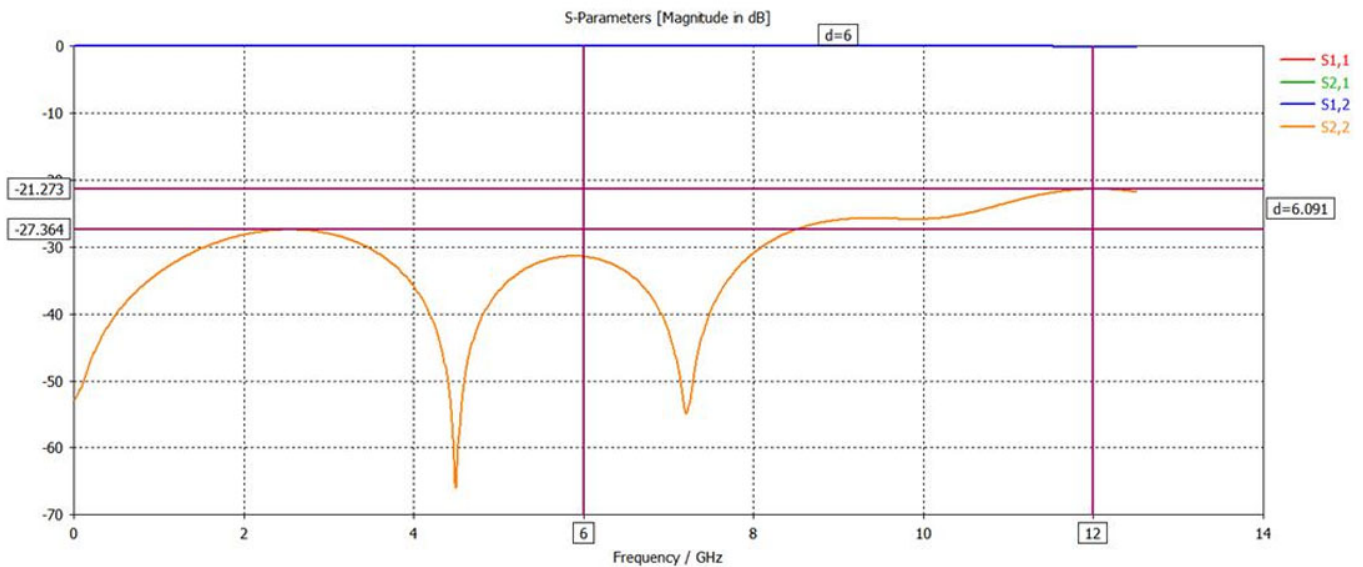
## Environmental

|                |                  |
|----------------|------------------|
| Connector Type | Micro BNC Female |
| Temp Range     | -65 to +85°C     |
| Mating Cycles  | 500              |



## Return Loss Graph

Connector Only



## PCB Layout

