

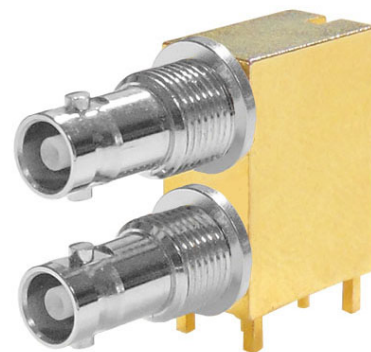
## General Description

Our range of 12GHz Precision Micro BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications whilst meeting the J1A 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-RB24-GNDO is a dual port Micro BNC connector with a through hole pins, which features enlarged flanges at their mating parts and the connector body is finished with gold plate.

This connector is available as:

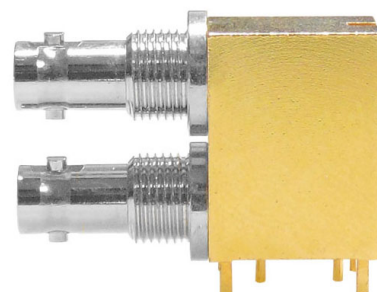
XPS-12-RB24-GNDO as a connector only part

XPS-12-RB24-GNDO-BZ supplied with 2 x 2 Slot Circular Nut



## Electrical

|                                 |                    |         |
|---------------------------------|--------------------|---------|
| Impedance                       | 75Ω                |         |
| Frequency Range                 | 0-12GHz            |         |
| Working Voltage                 | 250Vrms            |         |
| Reflection Factor (VSWR)        | 1.52 (max) 0-12GHz |         |
| Dielectric Withstanding Voltage | 750Vrms            |         |
| Insulation Resistance           | ≥1000MΩ            |         |
| Contact Resistance              | Centre Contact     | ≤ 4.0mΩ |
|                                 | Outer Contact      | ≤ 2.5mΩ |

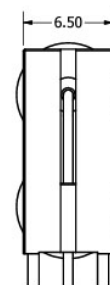
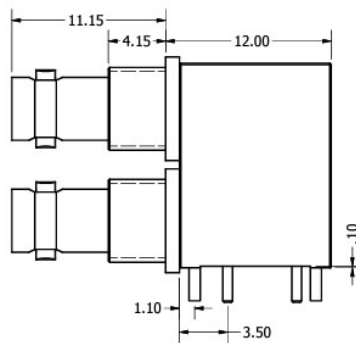
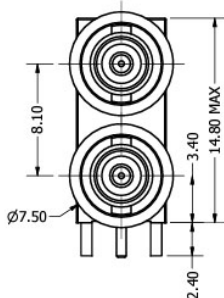
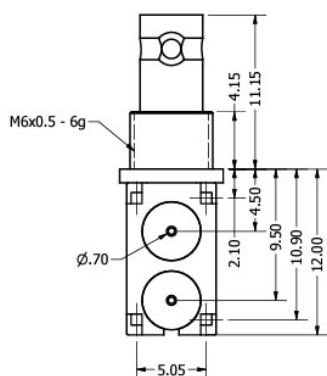


## Materials

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

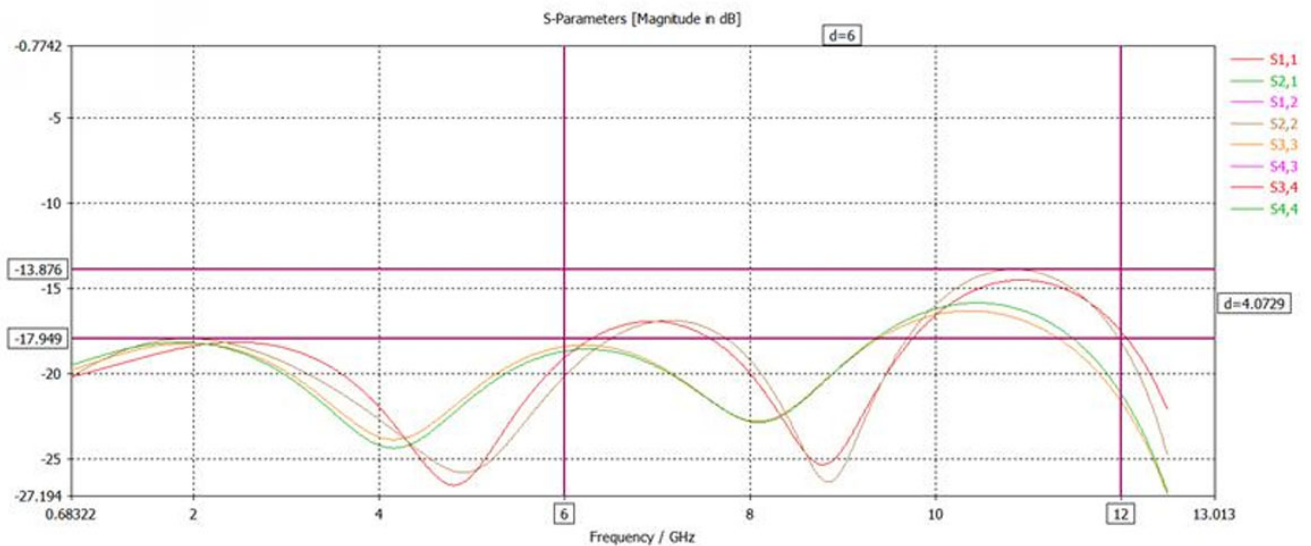
## Environmental

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

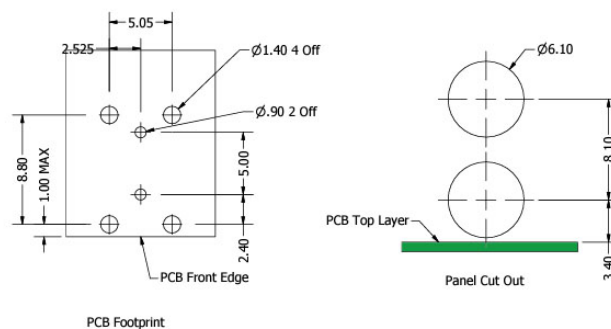


## Return Loss Graph

RL Graph Connector Only



## PCB Layout



PCB Layout  
Used to produce data

