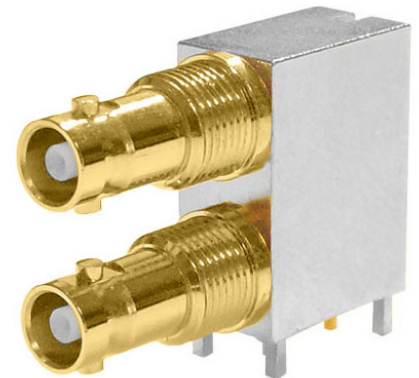


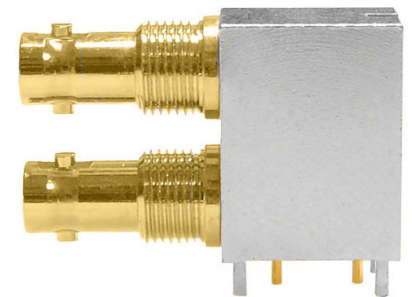
General Description

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-RB24-NGD is a dual port Micro BNC connector, removing the need for PCB mezzanine configurations in high density applications.



Electrical

| | | |
|---------------------------------|--|---------|
| Impedance | 75Ω | |
| Frequency Range | 0-12GHz | |
| Working Voltage | 170Vrms | |
| Reflection Factor (VSWR) | 1.1 (max) 0-6GHz 1.20 (max) 0-12GHz | |
| Dielectric Withstanding Voltage | >500Vrms | |
| Insulation Resistance | ≥1000MΩ | |
| Contact Resistance | Centre Contact | ≤ 4.0mΩ |
| | Outer Contact | ≤ 2.5mΩ |

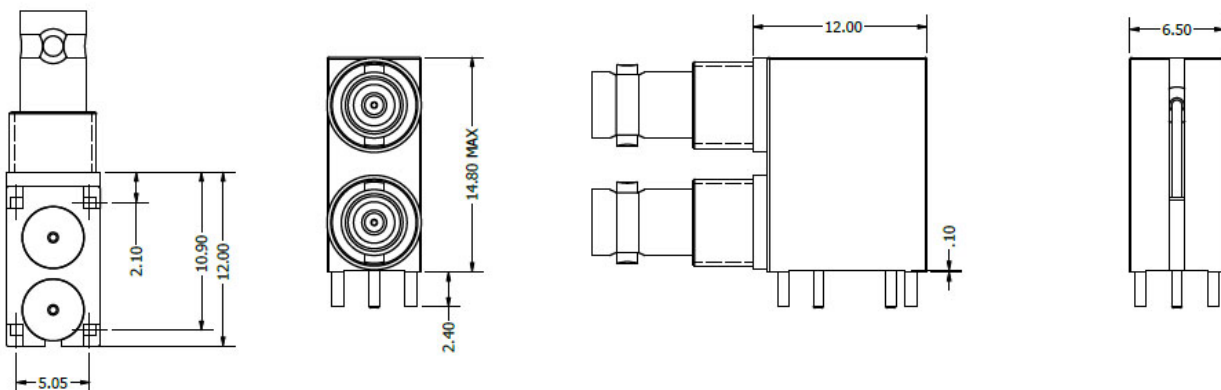


Materials

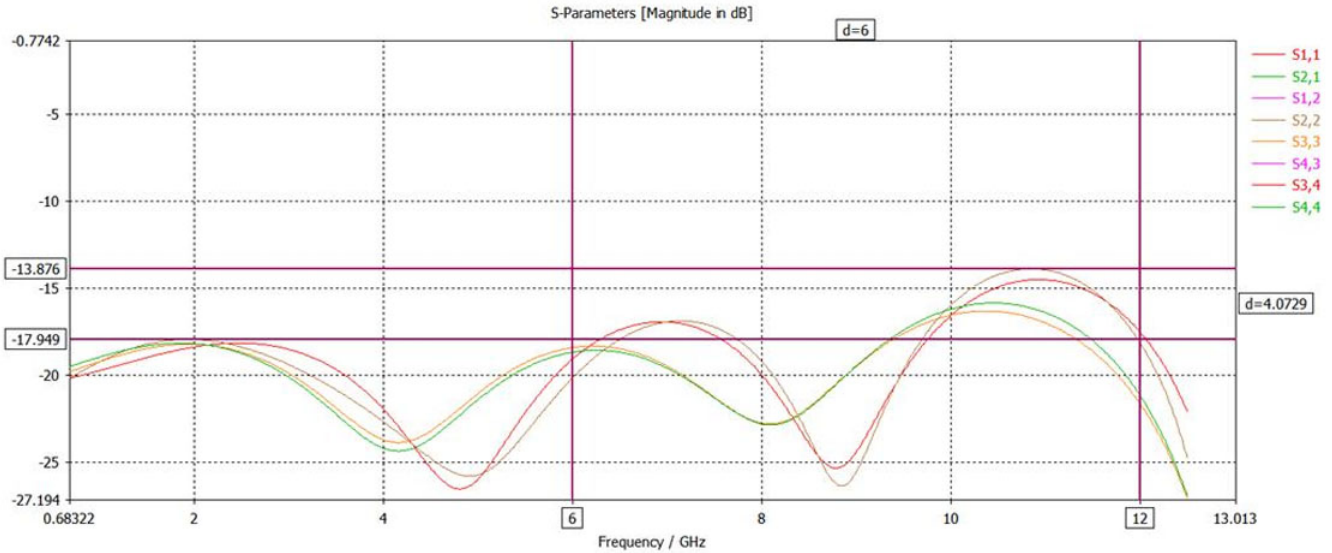
| | |
|-------------|-----------------|
| Centre Pin | BeCu / 10 μ" Au |
| Metal Parts | Brass/Au/Ni |
| Insulators | PTFE |

Environmental

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



Return Loss Graph



PCB Layout

