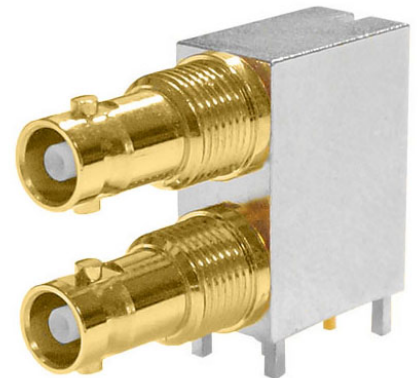


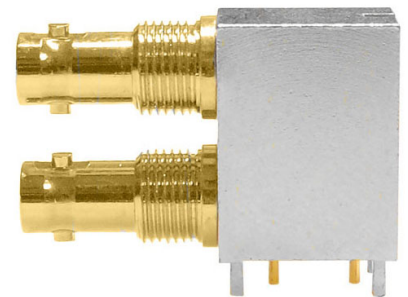
General Description

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-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

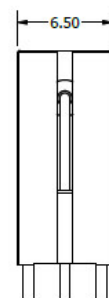
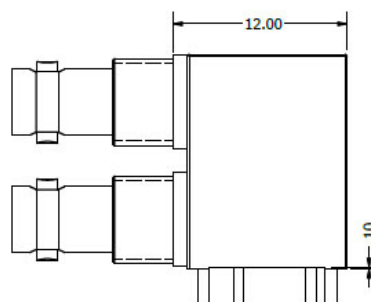
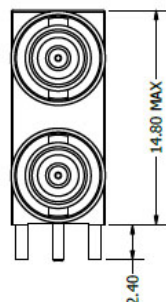
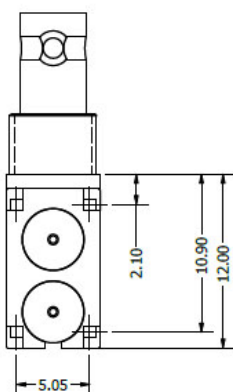


Materials

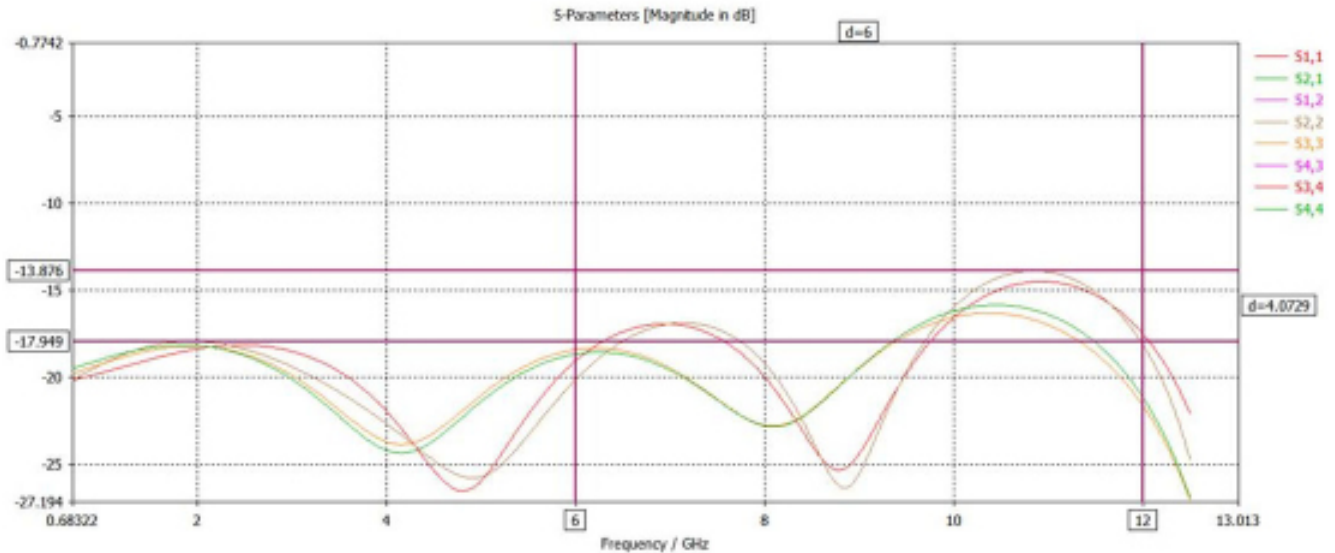
Centre Pin	BeCu / 10 μ" Au
Metal Parts	Brass/Au/Ni
Insulators	PTFE

Environmental

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



Return Loss Graph



PCB Layout

