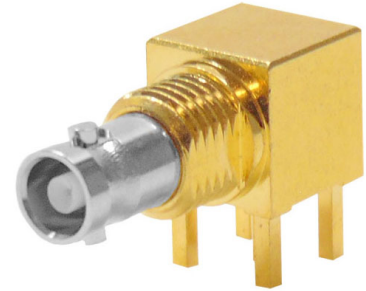


General Description

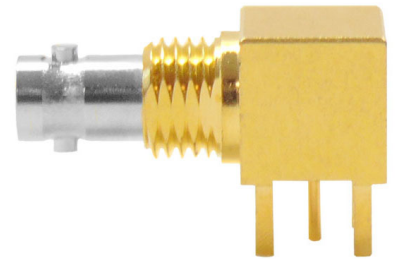
Our range of 12GHz Precision Micro BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications whilst meeting the J11A CXP-12 CoaXPress specification. These high performance connectors allow you to achieve a 12GHz channel in one single connection. The Micro BNC connectors are mateable with any standard Micro BNC connector. The XPS-12-RB41-GN is a right angle Bulkhead Micro BNC socket for PCB thicknesses up to 4.0mm

This connector was formerly sold as:
 C-SX-142 when supplied with ANP-C2-CBN-1.60 (2 slot nut)
 C-SX-210 when supplied with ANP-C4-CSN-1.60 (4 slot magnetic nut)
 C-SX-142GZZ as a connector only part



Electrical

Impedance	75Ω
Frequency Range	0-12GHz
Working Voltage	170Vrms
Reflection Factor (VSWR)	1.04 (max) 0-6GHz 1.10 (max) 6-12GHz
Dielectric Withstanding Voltage	500Vrms
Insulation Resistance	≥1000MΩ
Contact Resistance	Centre Contact ≤ 4.0mΩ
	Outer Contact ≤ 2.5mΩ

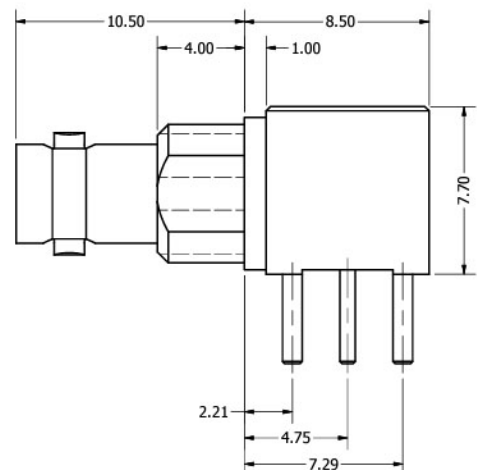
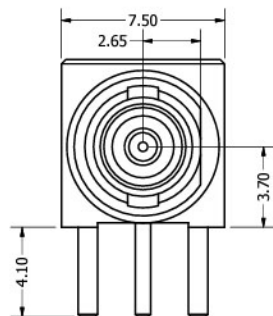
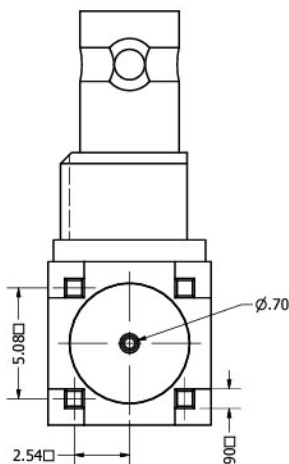


Materials

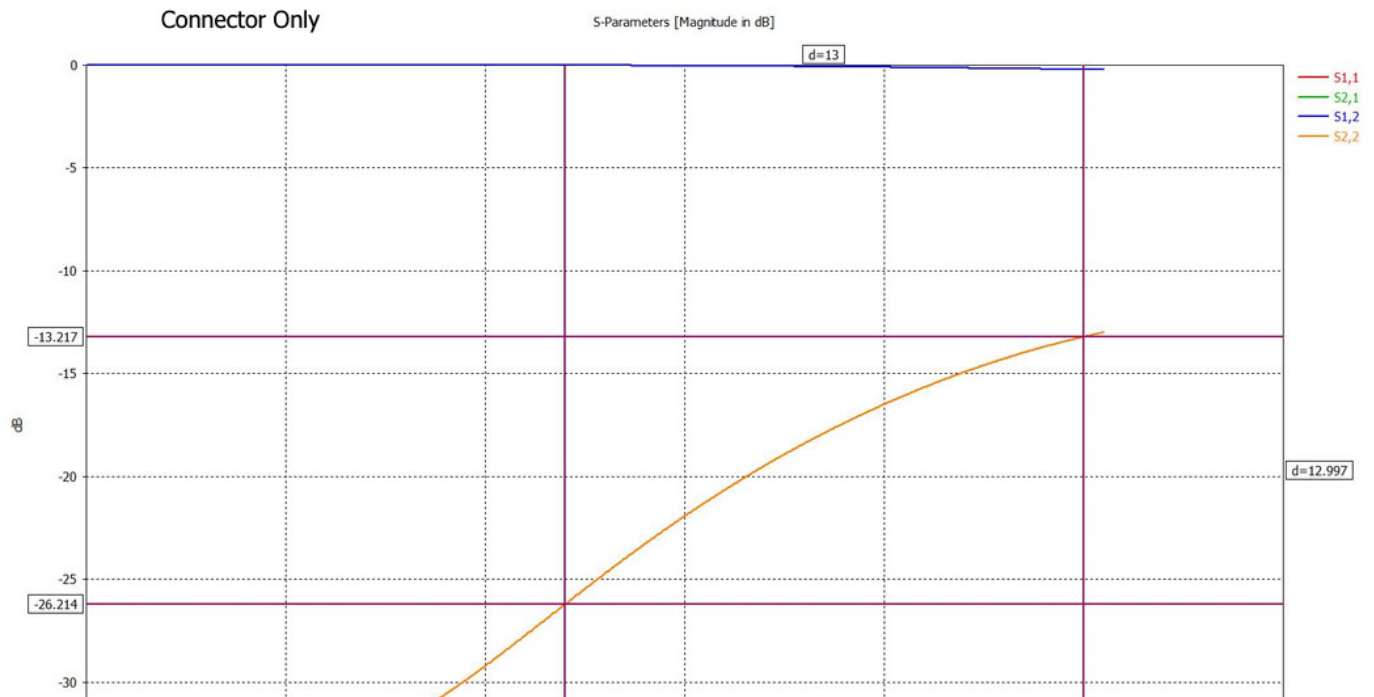
Centre Pin	BeCu / 10 μ" Au
Metal Parts	Brass/Au/Ni
Insulators	PTFE

Environmental

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



Return Loss Graph



PCB Layout

