

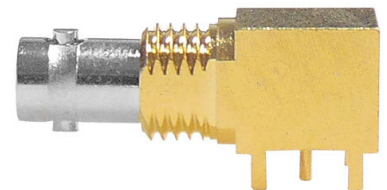
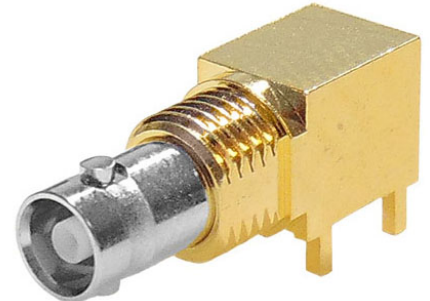
General Description

Our range of 12GHz Precision Micro BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications whilst also meeting the J1A CXP-12 specification. These high performance connectors allow you to achieve a 12GHz channel in one single connection. The XPS-12-RB20-GNA is a Right Angle Slim Body PCB Bulkhead Micro BNC socket for PCB thickness's of 2mm. The connector has been specifically designed to work in conjunction with our XPS-12-RA20-NND, matching the low profile of the connector to offer an additional port.

This connector is available as:
XPS-12-RB20-GNA as a connector only part
XPS-12-RB20-GNA-AZ supplied with 2 Slot Circular Nut

Electrical

Impedance	75Ω
Frequency Range	0-12GHz
Working Voltage	170Vrms
Reflection Factor (VSWR)	1.08 (max) 0-6GHz 1.14 (max) 6-12GHz
Dielectric Withstanding Voltage	500Vrms
Insulation Resistance	≥1000MΩ
Contact Resistance	Centre Contact ≤ 5.0mΩ Outer Contact ≤ 2.5mΩ

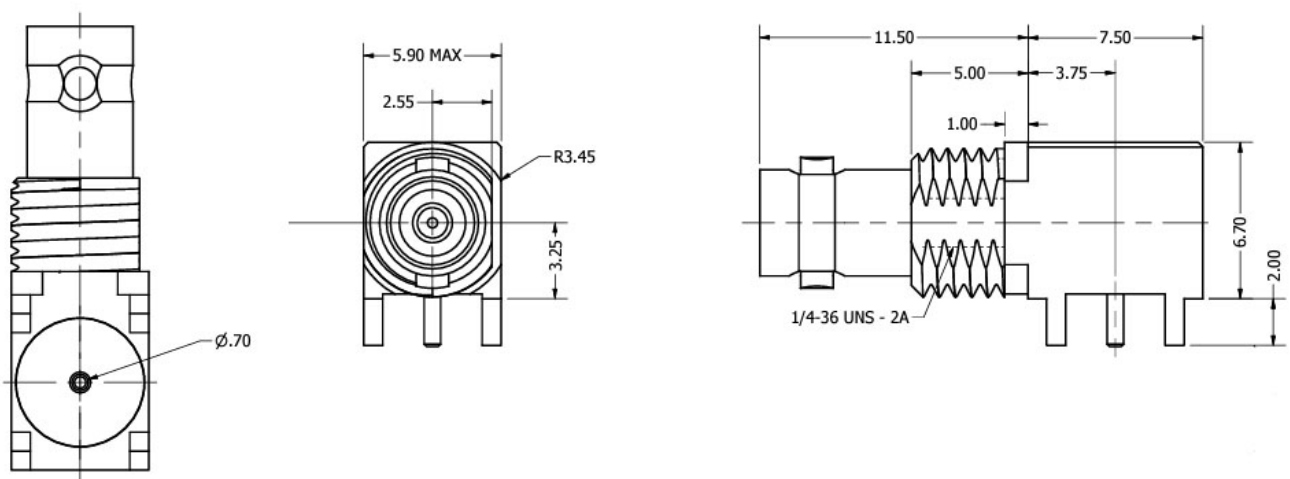


Materials

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

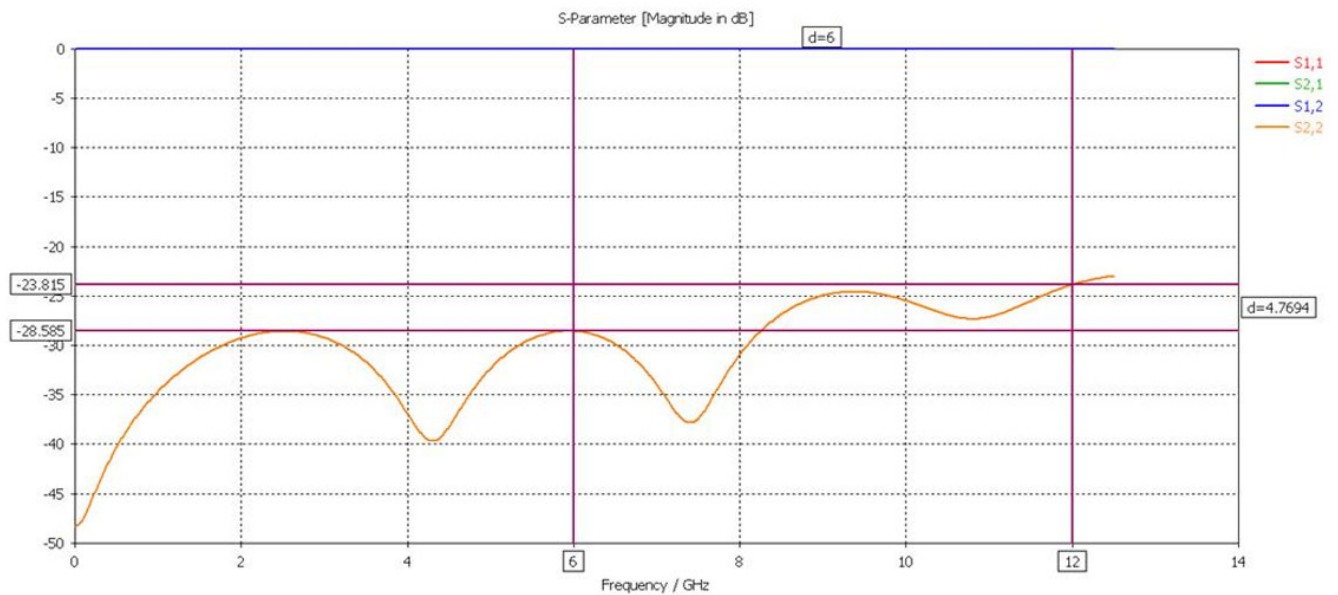
Environmental

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



Return Loss Graph

Connector Only



PCB Layout

