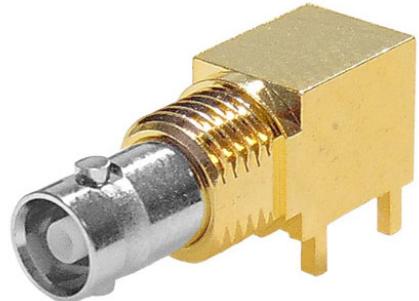


General Description

Our range of 12GHz Precision Micro BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications whilst also meeting the JIJA 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 thicknesses 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 was formerly sold as:
[C-SX-194](#) when supplied with [ANP-C2-CBN-1.60](#)



Electrical

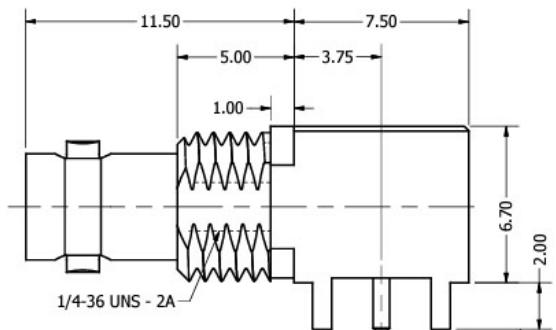
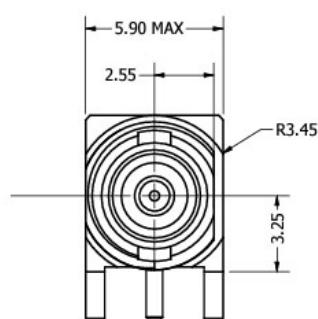
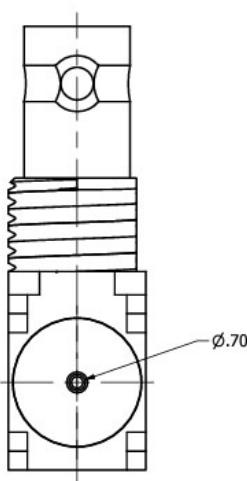
Impedance	75Ω				
Frequency Range	0-12GHz				
Working Voltage	170Vrms				
Reflection Factor (VSWR)	1.08 (max) 0-6GHz 1.14 (max) 6-12GHz				
Dielectric Withstanding Voltage	500Vrms				
Insulation Resistance	$\geq 1000\text{M}\Omega$				
Contact Resistance	<table border="1" data-bbox="452 1179 690 1262"> <tr> <td>Centre Contact</td> <td>$\leq 5.0\text{m}\Omega$</td> </tr> <tr> <td>Outer Contact</td> <td>$\leq 2.5\text{m}\Omega$</td> </tr> </table>	Centre Contact	$\leq 5.0\text{m}\Omega$	Outer Contact	$\leq 2.5\text{m}\Omega$
Centre Contact	$\leq 5.0\text{m}\Omega$				
Outer Contact	$\leq 2.5\text{m}\Omega$				

Materials

Centre Pin	BeCu / 10 $\mu\text{"Au}$
Metal Parts	Brass/Au/Ni
Insulators	PTFE

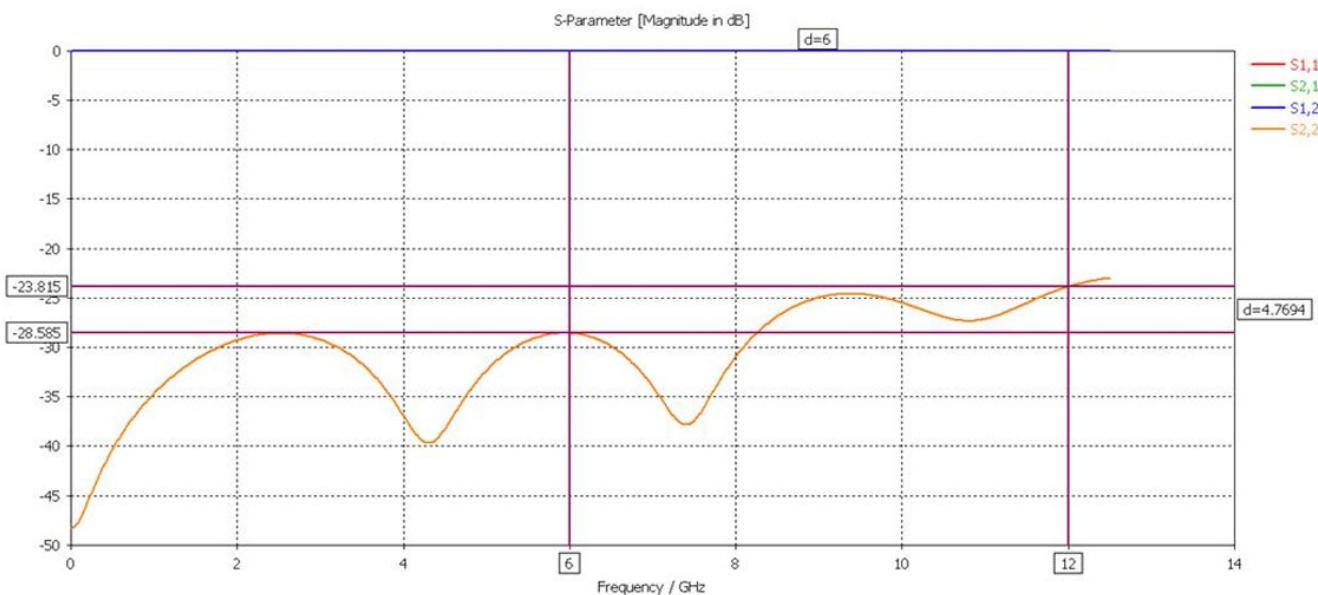
Environmental

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



Return Loss Graph

Connector Only



PCB Layout

