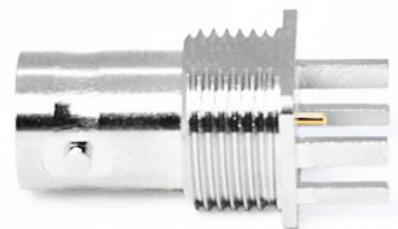


General Description

Our range of 12GHz Precision BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications while meeting the JIJA CoaXPress specification. These high performance connectors allow you to achieve a 12GHz channel in one single connection. The BNC connectors are mateable with any standard BNC connector, but to achieve optimum performance we recommend using Cambridge Electronics 12GHz BNC Connectors in both halves. The XBS-12-EB16-NNSU connector is an PCB edge mounting BNC socket for PCB thicknesses of 1.6mm and has a protective sleeve around the centre contact.

This connector was formerly sold as:
C-SX-158 when supplied with AWB-S0-ZBN-0.50 and ANB-H0-ABN-2.50



Electrical

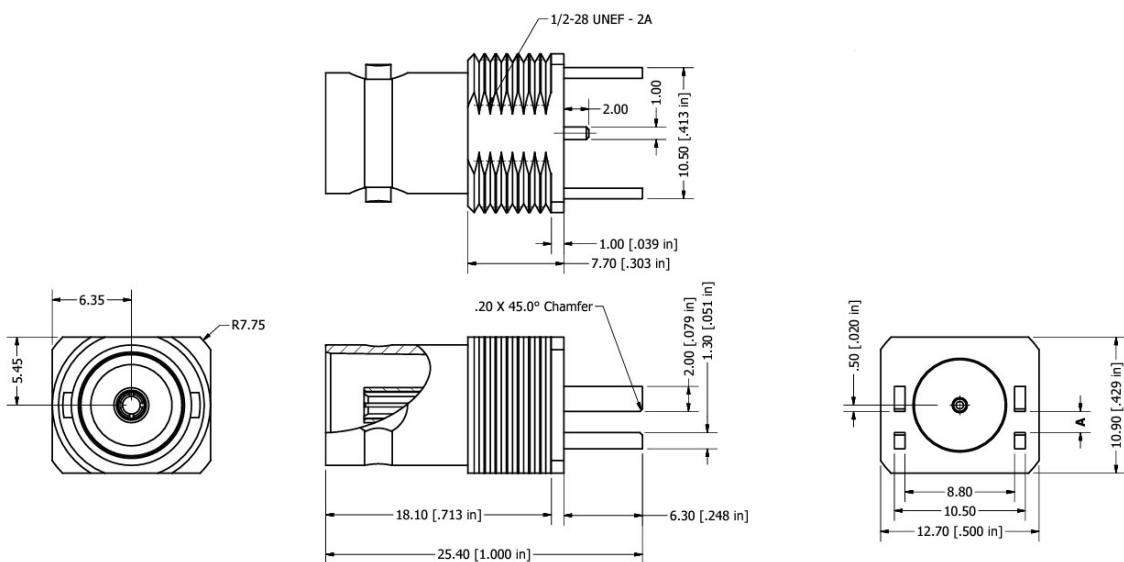
Impedance	75Ω				
Frequency Range	0-12GHz				
Working Voltage	250Vrms				
Reflection Factor (VSWR)	1.19 (max) 0-12GHz				
Dielectric Withstanding Voltage	750Vrms				
Insulation Resistance	≥5000MΩ				
Contact Resistance	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>Centre Contact</td> <td>≤ 4.0mΩ</td> </tr> <tr> <td>Outer Contact</td> <td>≤ 2.5mΩ</td> </tr> </table>	Centre Contact	≤ 4.0mΩ	Outer Contact	≤ 2.5mΩ
Centre Contact	≤ 4.0mΩ				
Outer Contact	≤ 2.5mΩ				

Materials

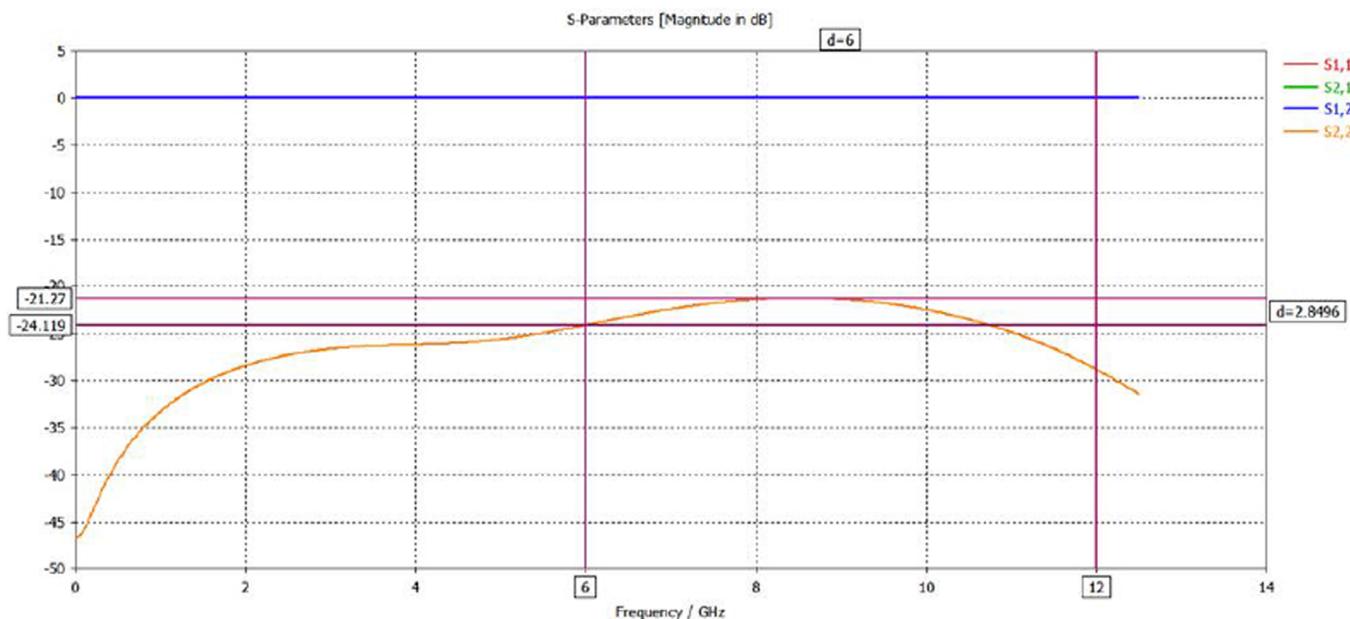
Centre Pin	PhosBronze / 10 μ "Au
Metal Parts	Brass/Ni
Insulators	PTFE

Environmental

Connector Type	BNC Female
Temp Range	-65 to +85°C
Mating Cycles	200



Return Loss Graph



PCB Layout and Panel Cutout

