

## General Description

Our range of 12GHz Precision BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications and have been developed under the CoaxVision™ Brand name, while meeting the JIIA CoaXPress specification. These high performance connectors allow you to achieve a 12GHz channel in one single connection. The XBS-12-TE38-NNI connector is a top entry BNC connector with 3 legs and a stand off. The connector is made for PCB thicknesses up to 3.7mm.

This connector was formerly sold as:  
[C-SX-150](#) as a connector only part



## Electrical

Impedance	75Ω				
Frequency Range	0-12GHz				
Working Voltage	500Vrms				
Reflection Factor (VSWR)	1.04 (max) 0-6GHz 1.11 (max) 6-12GHz				
Dielectric Withstanding Voltage	1500Vrms				
Insulation Resistance	$\geq 5000\text{M}\Omega$				
Contact Resistance	<table border="1" data-bbox="457 1147 684 1248"> <tr> <td>Centre Contact</td> <td><math>\leq 1.5\text{m}\Omega</math></td> </tr> <tr> <td>Outer Contact</td> <td><math>\leq 1.0\text{m}\Omega</math></td> </tr> </table>	Centre Contact	$\leq 1.5\text{m}\Omega$	Outer Contact	$\leq 1.0\text{m}\Omega$
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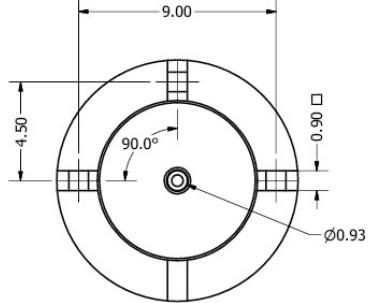
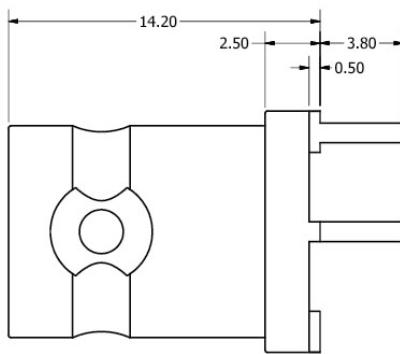
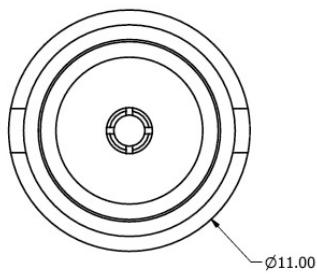


## Materials

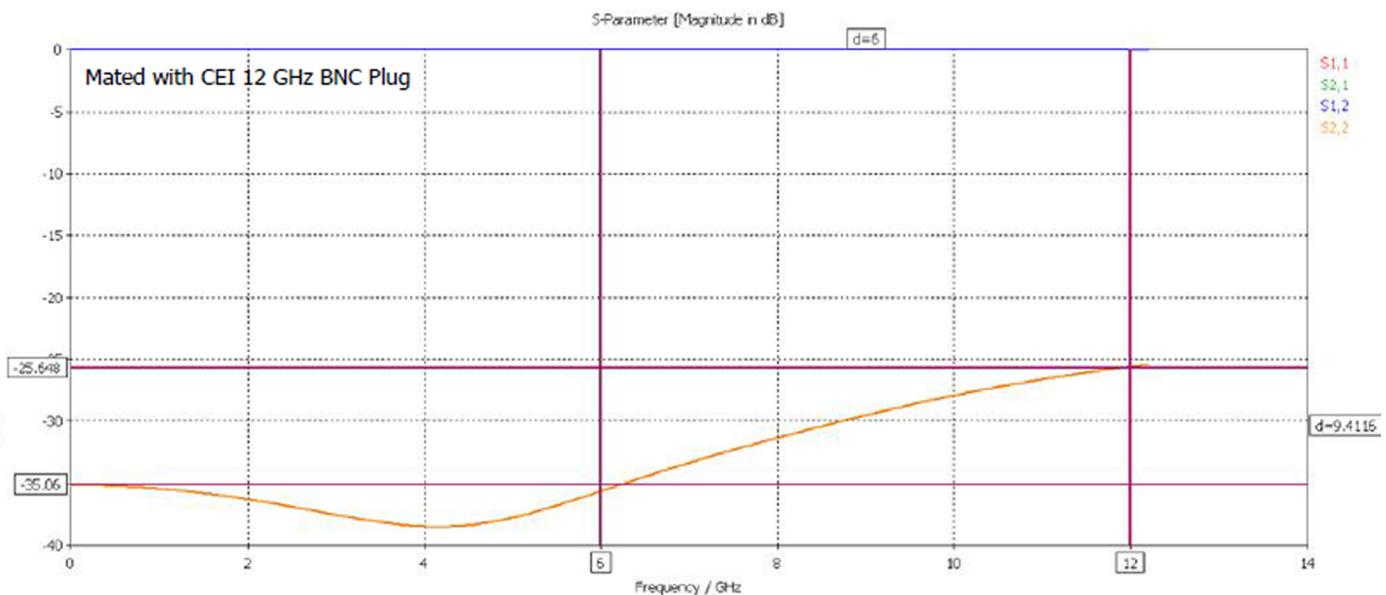
Centre Pin	PhosBronze / 10 $\mu\text{"Au}$
Metal Parts	Brass/Ni
Insulators	PTFE

## Environmental

Connector Type	BNC Female
Temp Range	-65 to +85°C
Mating Cycles	250



### Return Loss Graph



### PCB Layout

