

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 J11A CoaXPress specification. These high performance connectors allow you to achieve a 12GHz channel in one single connection. The XBS-12-TE39-NN connector is a top entry BNC connector with 4 legs. The connector is made for PCB thicknesses up to 3.8mm.

This connector was formerly sold as:
C-SX-152 as a connector only part



Electrical

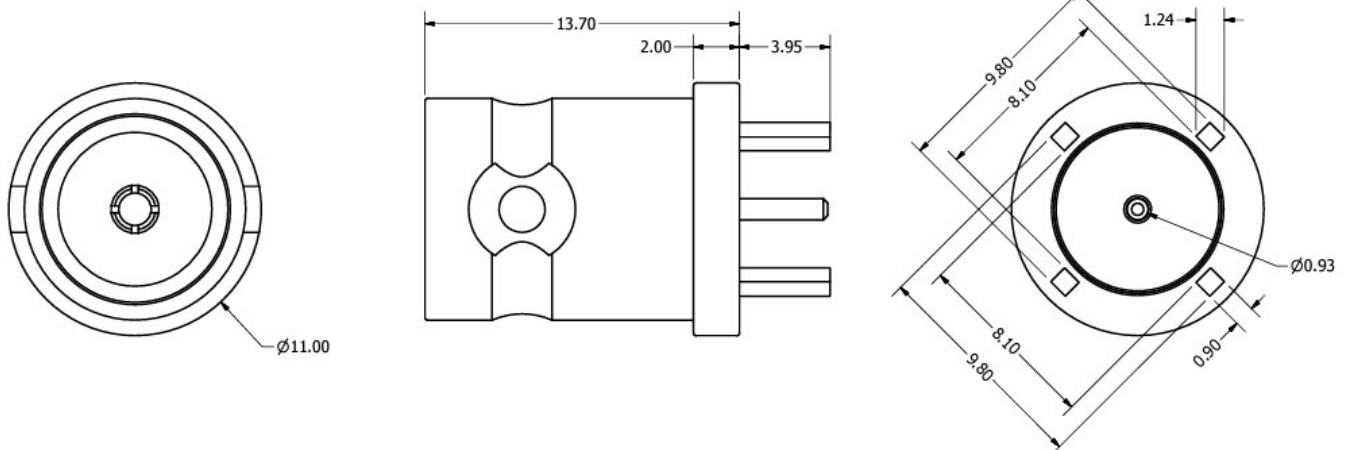
Impedance	75Ω
Frequency Range	0-12GHz
Working Voltage	500Vrms
Reflection Factor (VSWR)	1.04 (max) 0-6GHz 1.11 (max) 6-12GHz
Dielectric Withstanding Voltage	1500Vrms
Insulation Resistance	≥5000MΩ
Contact Resistance	Centre Contact ≤ 1.5mΩ
	Outer Contact ≤ 1.0mΩ

Materials

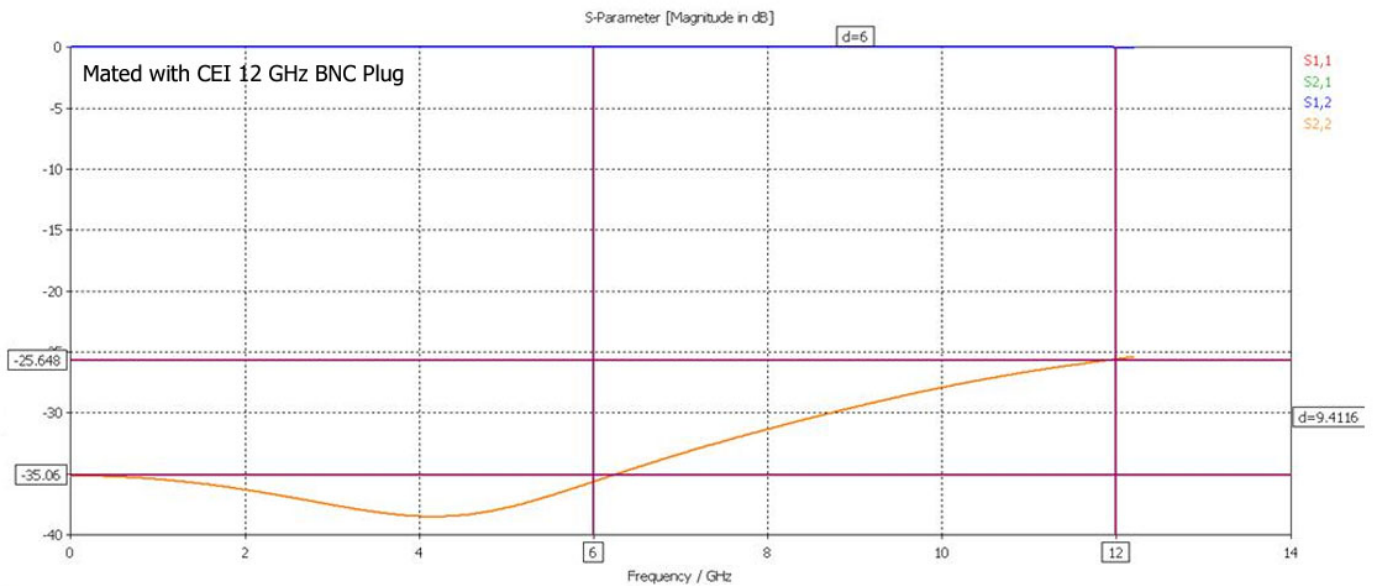
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Brass/Ni
Insulators	PTFE

Environmental

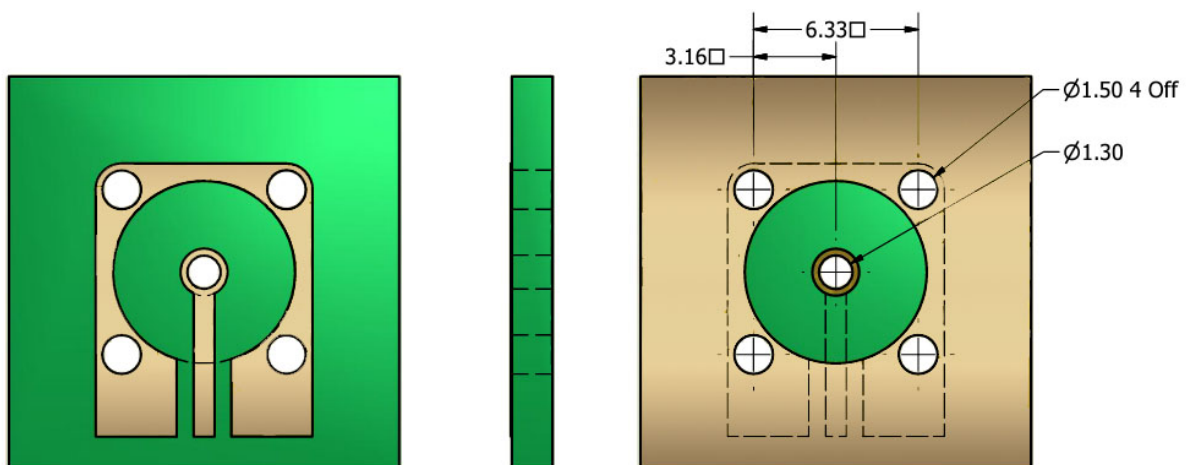
Connector Type	BNC Female
Temp Range	-65 to +85°C
Mating Cycles	250



Return Loss Graph



PCB Layout



PCB Layout