

## 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-TB42-NN connector is a top entry, five pin connector for bulkhead mounting. It is designed for a board thickness of up to 4.0mm.

This connector was formerly sold as:  
 C-SX-128 when supplied with AWB-S0-ZBN-0.50 and ANB-C2-ABN-2.50  
 C-SX-189 when supplied with AWB-S0-ZBN-0.50 and ANB-C2-ABN-3.50  
 C-SX-190 as a connector only part



## Electrical

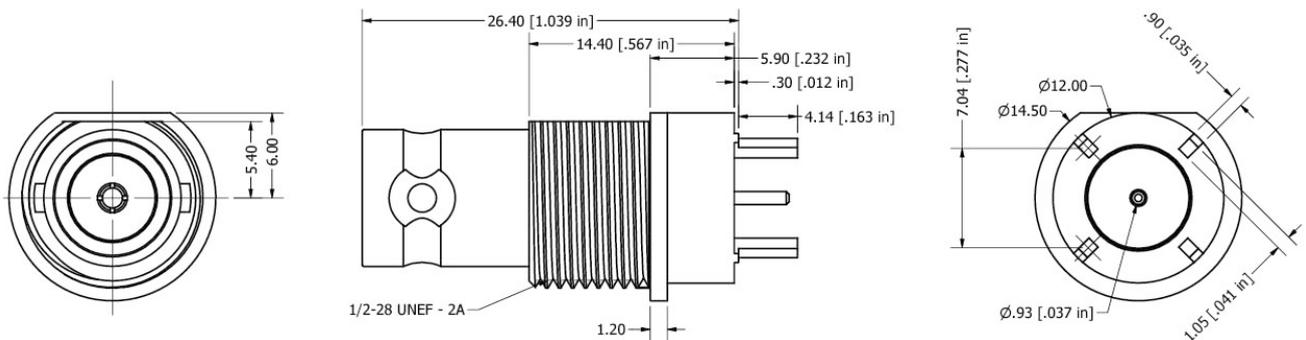
Impedance	75Ω	
Frequency Range	0-12GHz	
Working Voltage	500Vrms	
Reflection Factor (VSWR)	1.04 (max) 0-6GHz 1.08 (max) 6-12GHz	
Dielectric Withstanding Voltage	1500Vrms	
Insulation Resistance	≥5000MΩ	
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 1.0mΩ

## Materials

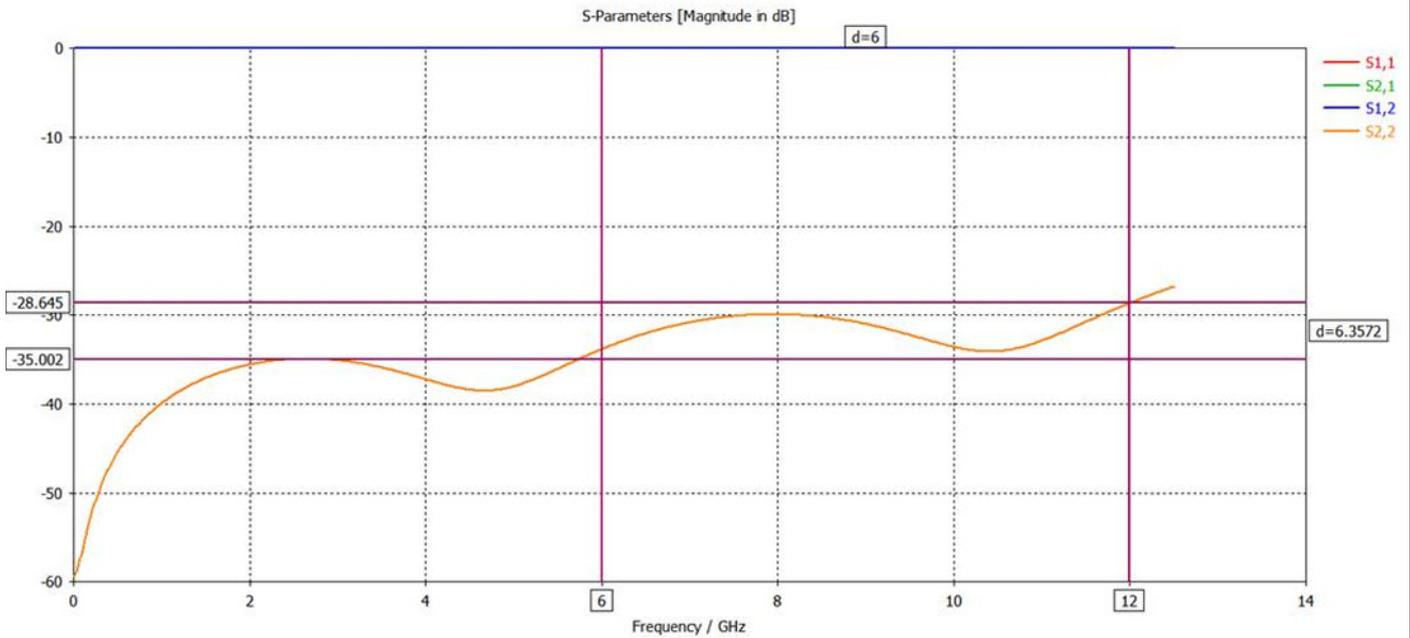
Centre Pin	PhosBronze / 10 μ" Au
Metal Parts	Brass/Ni
Insulators	PTFE - UL 94 V-0

## Environmental

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



### Return Loss Graph



### PCB Layout and Panel Cutout

