

General Description

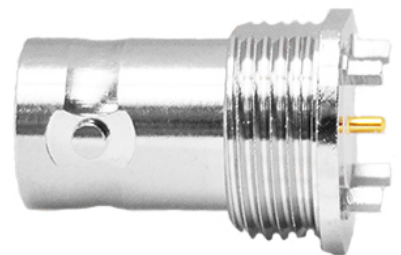
Our range of 12GHz Precision BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications and have been developed under the CoaxVision™ Brand name, while meeting the J1A CoaXPress specification. These high performance connectors allow you to achieve a 12GHz channel in one single connection. The XBS-12-TB19-NNU connector is a top entry, five pin connector which features a protective sleeve and a short bulkhead thread. It is designed for a board thickness of 1.6mm.

This connector is available as:
XBS-12-TB19-NNU as a connector only part
XBS-12-TB19-NNU -CA supplied with 2 Slot Circular Nut & Washer



Electrical

Impedance	75Ω	
Frequency Range	0-12GHz	
Working Voltage	500Vrms	
Reflection Factor (VSWR)	1.12 (max) 0-6GHz 1.19 (max) 6-12GHz	
Dielectric Withstanding Voltage	1500Vrms	
Insulation Resistance	≥5000MΩ	
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 1.0mΩ

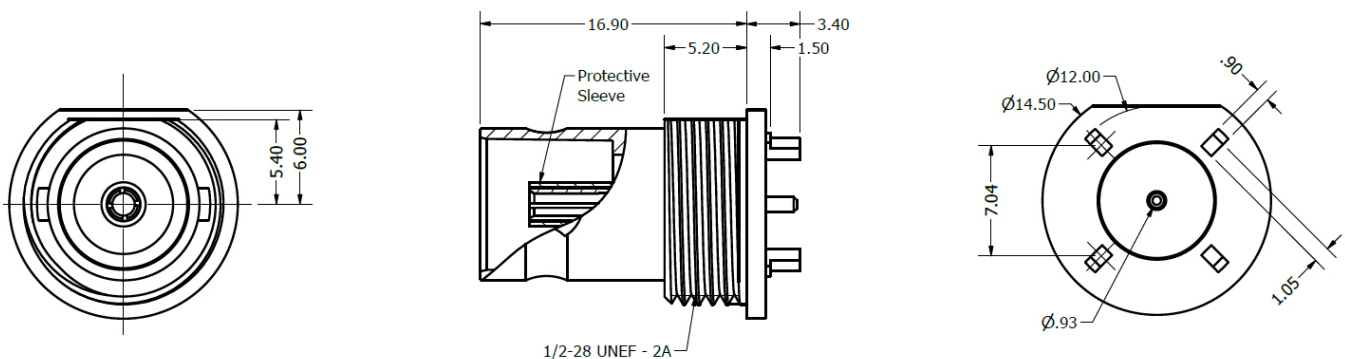


Materials

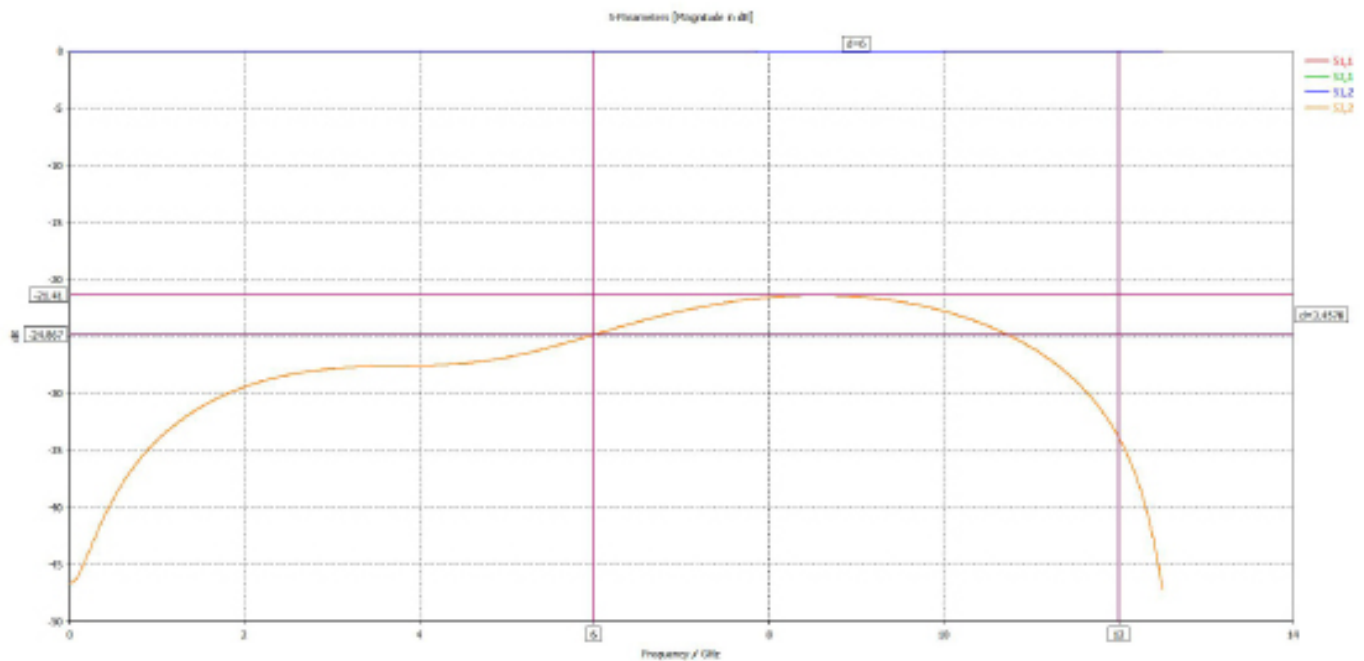
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Brass/Ni
Insulators	PTFE

Environmental

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



Return Loss Graph



PCB Layout and Panel Cutout

