

General Description

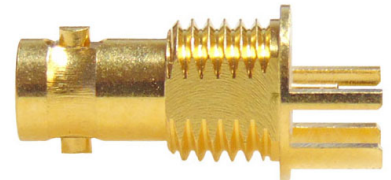
Our range of Precision Micro BNC coaxial connectors are optimised for 12GHz, 4K/Quad HD and Ultra HD Broadcast applications and have been developed under the CoaxVision™ Brand name, while meeting the J1A CoaXPress CXP-12 specification. These high performance connectors allow you to achieve up to 12GHz channel in one single connection. The Micro BNC connectors are mateable with any standard Micro BNC connector, but to achieve optimum performance we recommend using CEI connectors CoaxVision™ Micro BNC Connectors in both halves.

This connector is available as:
XPS-12-EB16-GG as a connector only part
XPS-12-EB16-GG-AZ supplied with 2 Slot Circular Nut



Electrical

Impedance	75Ω	
Frequency Range	0-12GHz	
Working Voltage	170Vrms	
Reflection Factor (VSWR)	1.01 (max) 0-6GHz 1.04 (max) 6-12GHz	
Dielectric Withstanding Voltage	500Vrms	
Insulation Resistance	≥1000MΩ	
Contact Resistance	Centre Contact	≤ 5.0mΩ
	Outer Contact	≤ 2.5mΩ

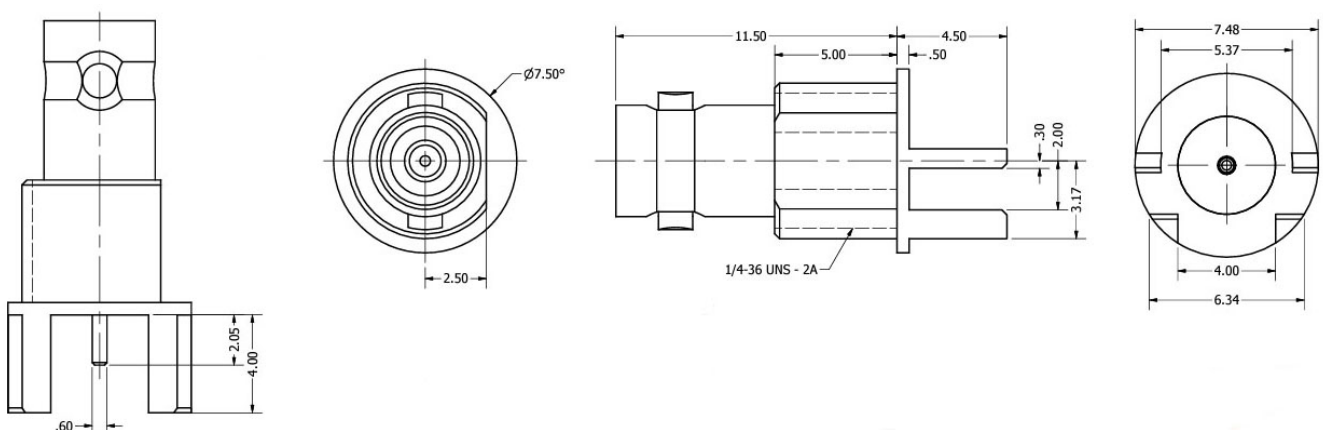


Materials

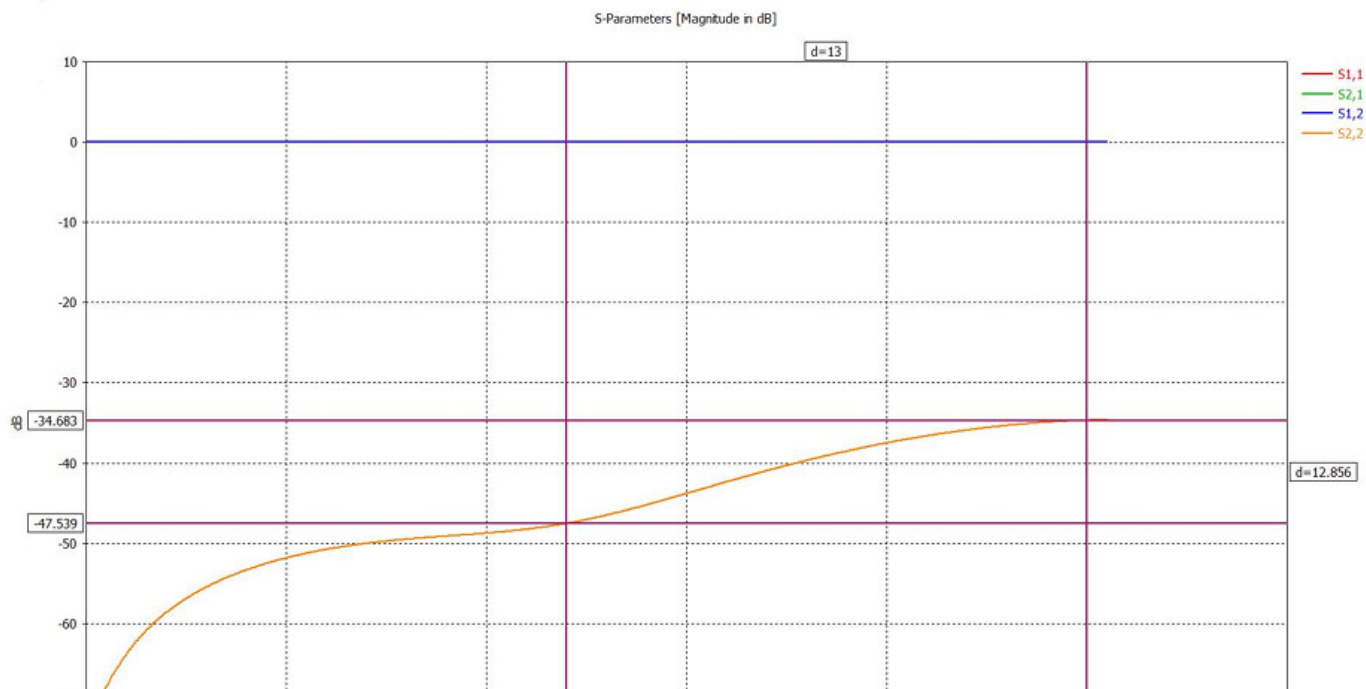
Centre Pin	BeCu / 10 μ" Au
Metal Parts	Brass/Au
Insulators	PTFE

Environmental

Connector Type	Micro BNC Female
Temp Range	-65 to +85°C
Mating Cycles	500



Return Loss Graph



PCB Layout

