

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 JIA 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 was formerly sold as:
 C-SX-147 when supplied with ANP-C2-CBN-1.60

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	$\geq 1000M\Omega$				
Contact Resistance	<table border="1" data-bbox="457 1163 684 1253"> <tr> <td>Centre Contact</td> <td>$\leq 5.0m\Omega$</td> </tr> <tr> <td>Outer Contact</td> <td>$\leq 2.5m\Omega$</td> </tr> </table>	Centre Contact	$\leq 5.0m\Omega$	Outer Contact	$\leq 2.5m\Omega$
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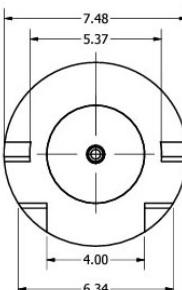
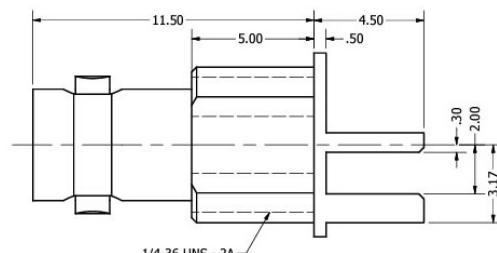
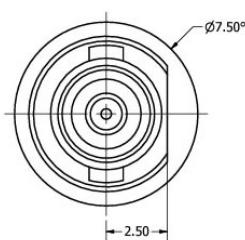
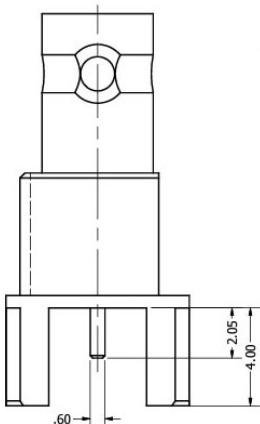


Materials

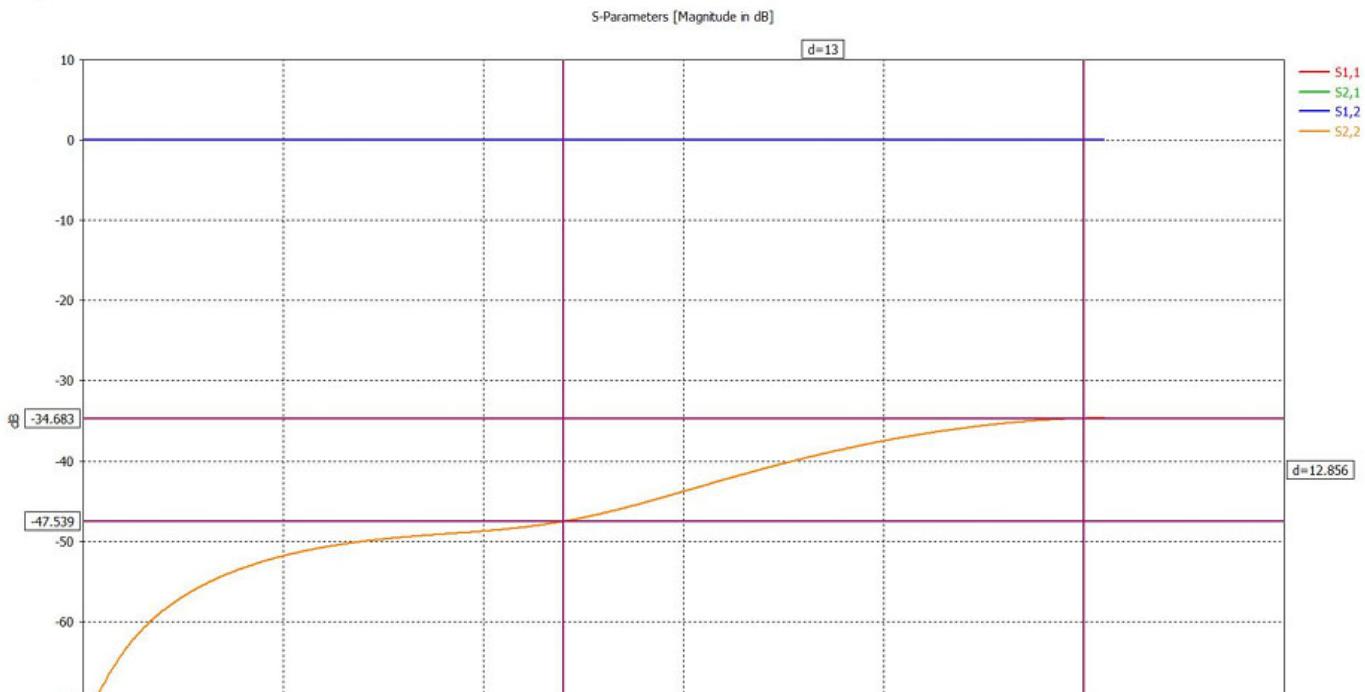
Centre Pin	BeCu / 10 μ "Au
Metal Parts	Brass/Au
Insulators	PTFE

Environmental

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



Return Loss Graph



PCB Layout

