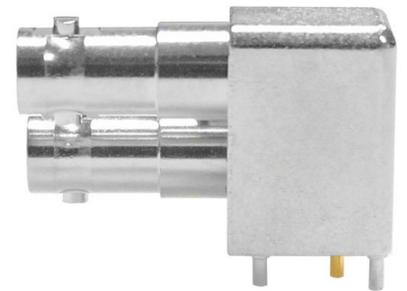
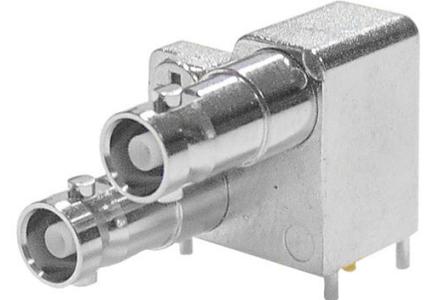


General Description

The design of this low profile dual port connector allows an enhanced packing density of connections on a standard PCI card. This is made possible by combining the small format of the Micro BNC style Connectors with a diagonal mounting format.

The XPS-12-RA20-NND is a low profile 12GHz 75Ω dual Micro BNC Connector that is optimised for high speed high definition video applications such as 12G SDI Broadcast and CXP-12 CoaXPress Machine Vision.

This connector was formerly sold as:
C-SX-172 as a connector only product



Electrical

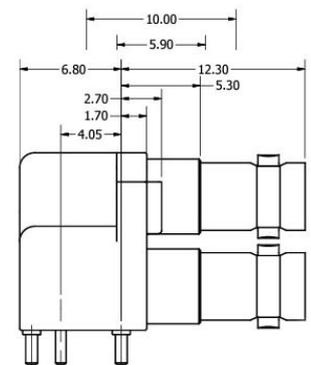
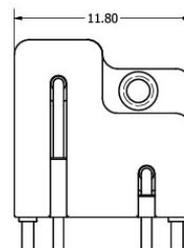
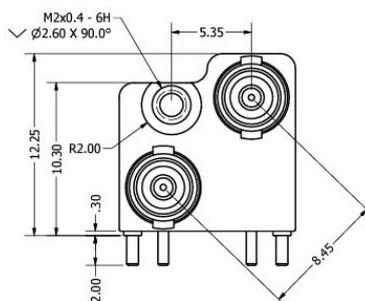
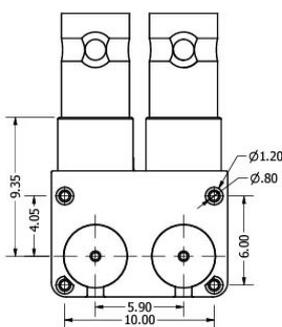
Impedance	75Ω	
Frequency Range	0-12GHz	
Working Voltage	170Vrms	
Reflection Factor (VSWR)	1.1 (max) 0-12GHz	
Dielectric Withstanding Voltage	500Vrms	
Insulation Resistance	≥1000MΩ	
Contact Resistance	Centre Contact	≤ 5.0mΩ
	Outer Contact	≤ 2.5mΩ

Materials

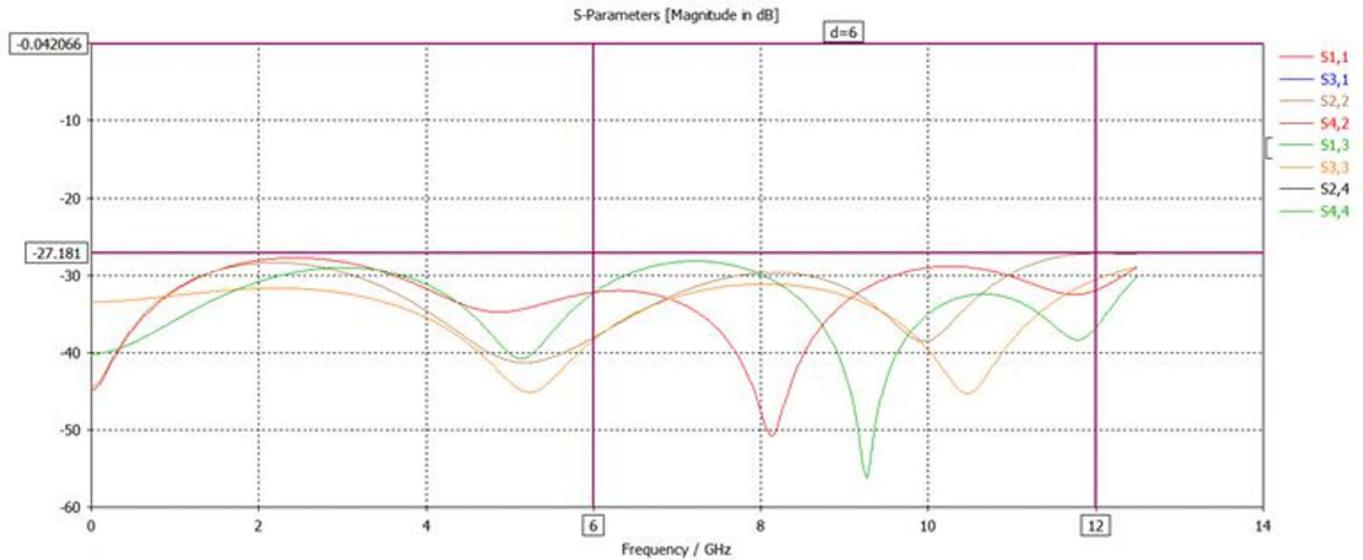
Centre Pin	BeCu / 10 μ" Au
Metal Parts	Brass/Au Zinc Alloy/Nickel
Insulators	PTFE

Environmental

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



Return Loss Graph



PCB Layout

