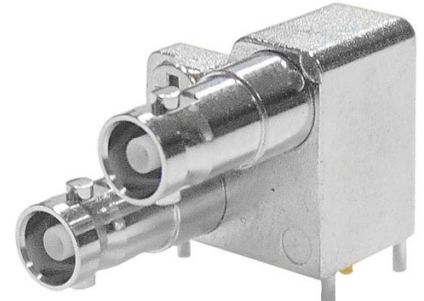


General Description

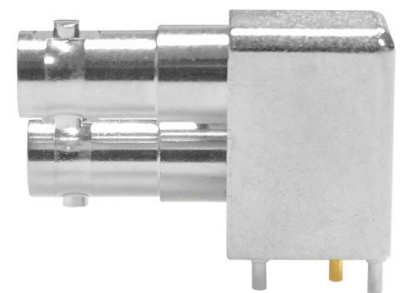
The design of this low profile dual port connector allows an enhanced packing density of connections on a standard PCI card. This is made possible by combining the small format of the Micro BNC style Connectors with a diagonal mounting format.

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.



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

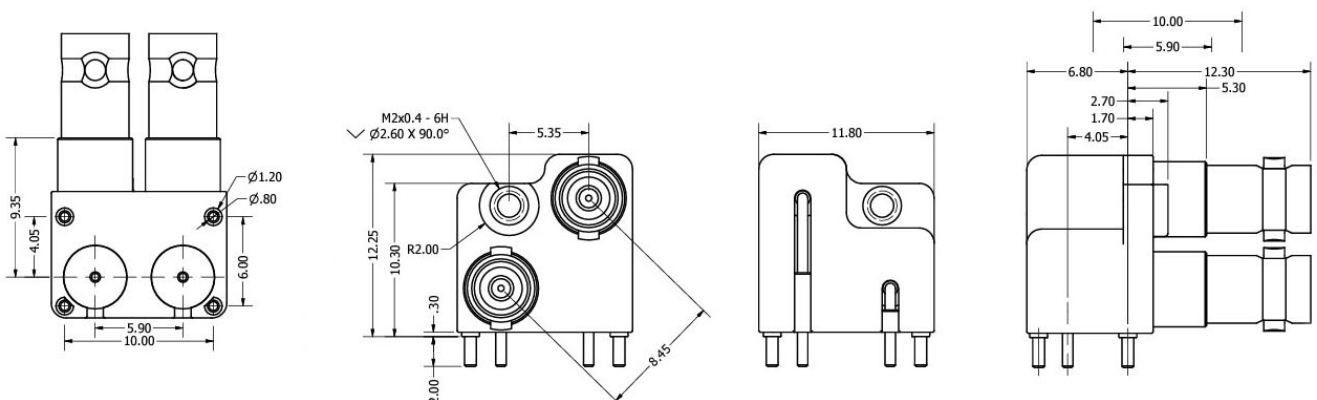


Materials

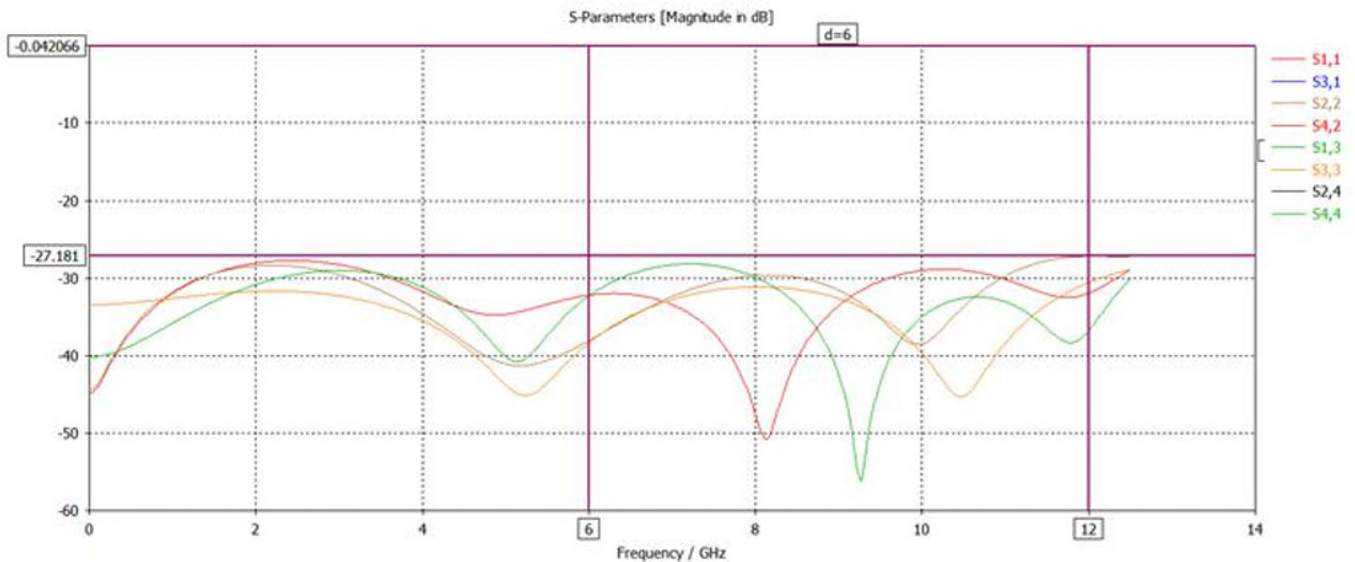
Centre Pin	BeCu / 10 μ" Au
Metal Parts	Brass/Au Zinc Alloy/Nickel
Insulators	PTFE

Environmental

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



Return Loss Graph



PCB Layout

