

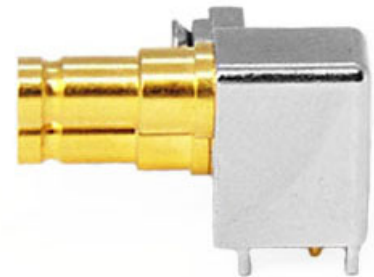
General Description

The XGS-06-RA20-NGD is a low profile dual port connector which allows an enhanced packing density of connections on a standard PCI Card. This is made possible by combining the small format of DIN 1.0 / 2.3 style connectors with a unique diagonal mounting style, while also offering the standard of SMPTE ST 2081-1, allowing bit-rates of 5.94Gbit/s over a single coaxial connection. The connector is supplied with an M2 x 5 countersunk cross head screw.



Electrical

Impedance		75Ω
Frequency Range		0-6GHz
Working Voltage		250Vrms
Reflection Factor (VSWR)		1.15 (max) 0-3GHz 1.36 (max) 3-6GHz
Dielectric Withstanding Voltage		750Vrms
Insulation Resistance		≥1000MΩ
Contact Resistance	Centre Contact	≤ 4.0mΩ
	Outer Contact	≤ 2.5mΩ

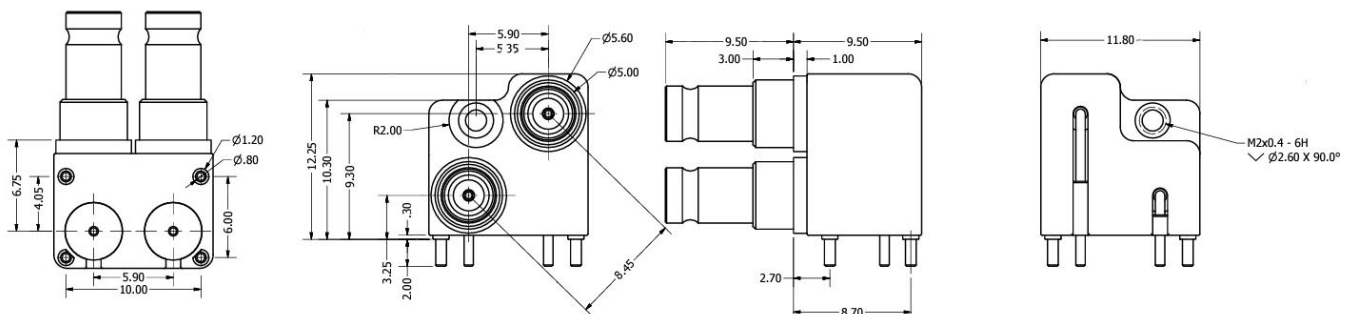


Materials

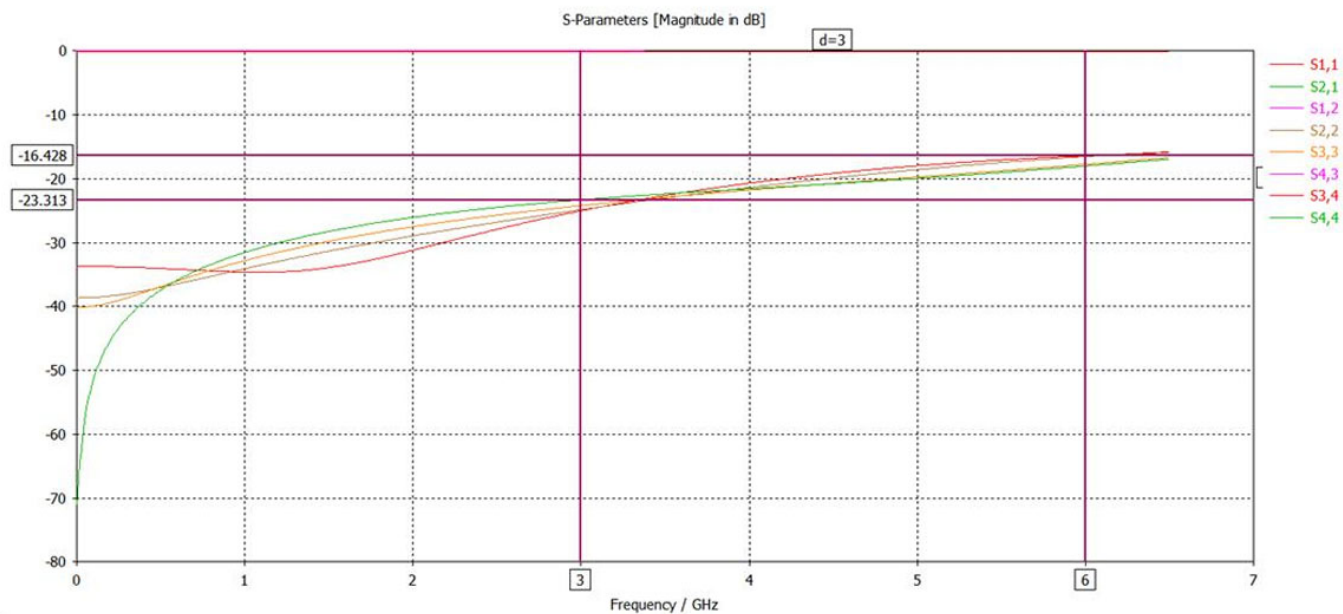
Centre Pin	BeCu / 10 μ"Au
Metal Parts	Brass/Au and Zinc Alloy/Ni
Insulators	PTFE

Environmental

Connector Type	DIN 1.0/2.3 Female
Temp Range	-65 to +85°C
Mating Cycles	500



Return Loss Graph



PCB Layout

