

General Description

The XBS-06-RB33-NNV is a bulkhead mounting BNC coaxial connector which can be used in PCI® Express applications. It features a Pathfinder™ light pipe which aids port identification and status. It also has a built-in flange which provides additional EMI shielding and is optimised for 6G HD-SDI environments.

This connector is available as:

XBS-06-RB33-NNV as a connector only part

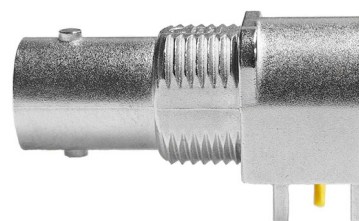
XBS-06-RB33-NNV-AA supplied with Hex Nut & Washer

XBS-06-RB33-NNV-CA supplied with 2 Slot Circular Nut & Washer



Electrical

Impedance		75Ω
Frequency Range		0-6GHz
Working Voltage		500Vrms
Reflection Factor (VSWR)		1.16 (max) 0-3GHz 1.49 (max) 3-6GHz
Dielectric Withstanding Voltage		1500Vrms
Insulation Resistance		≥5000MΩ
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 1.0mΩ

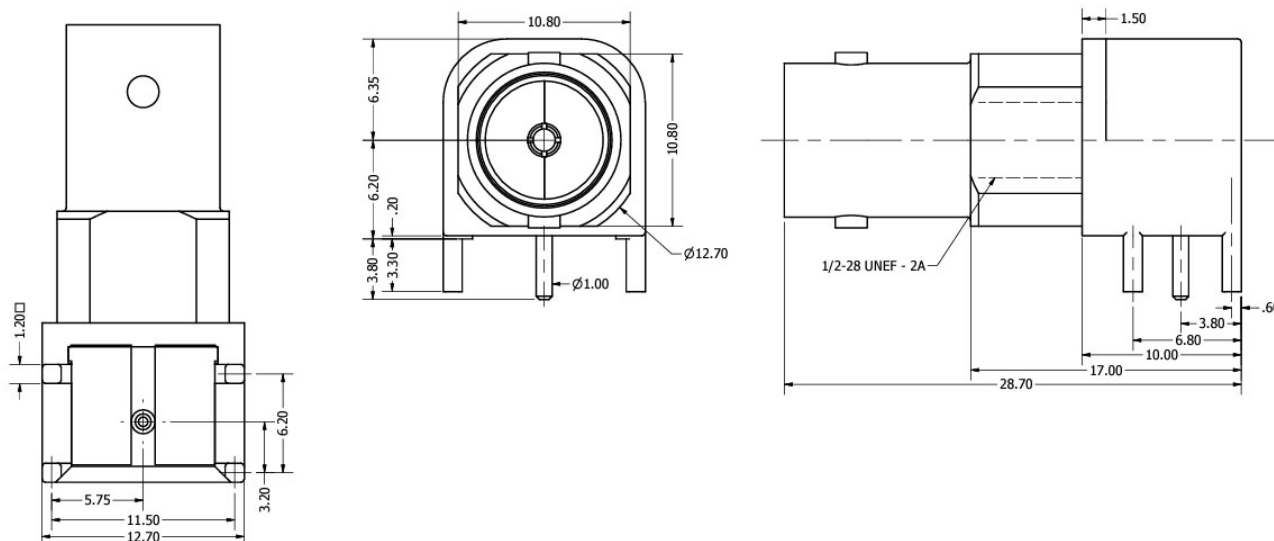


Materials

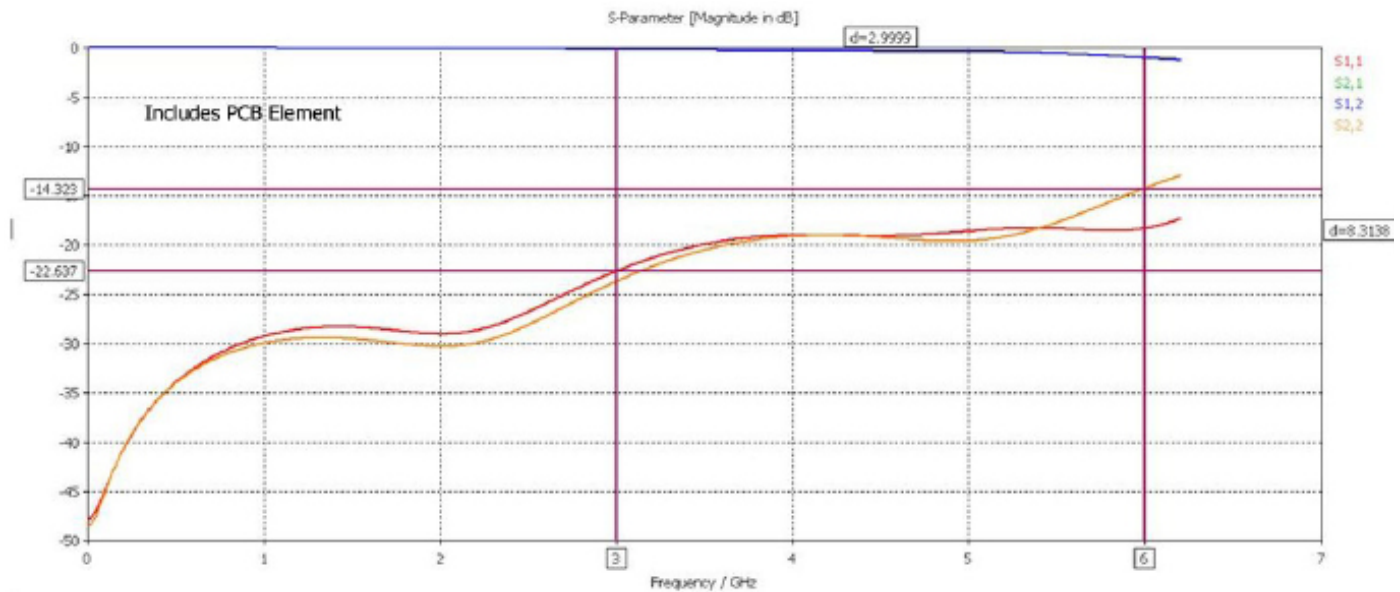
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Die Cast Zinc/Ni
Insulators	UL94 HB TPX

Environmental

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



Return Loss Graph



PCB Layout and Panel Cutout

