



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 was formerly sold as:

C-SX-090 when supplied with AWB-S0-ZBN-0.50 and ANB-H0-ABN-2.50

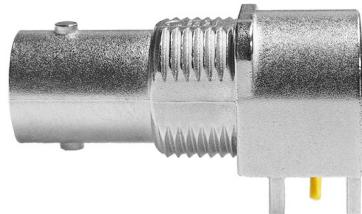
C-SX-129 when supplied with AWB-S0-ZBN-0.50 and ANB-C2-ABN-2.50

C-SX-090NZZ or C-SX-116 as a connector only product



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

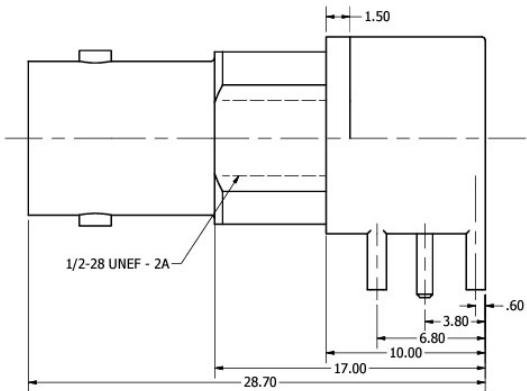
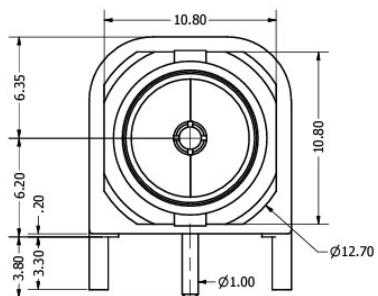
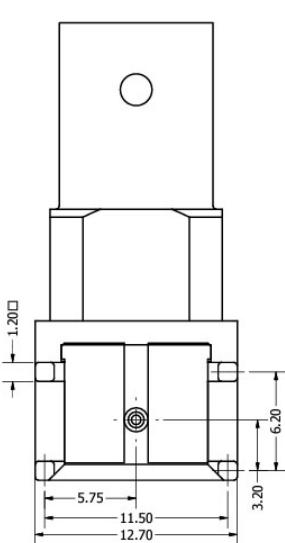


Materials

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

Environmental

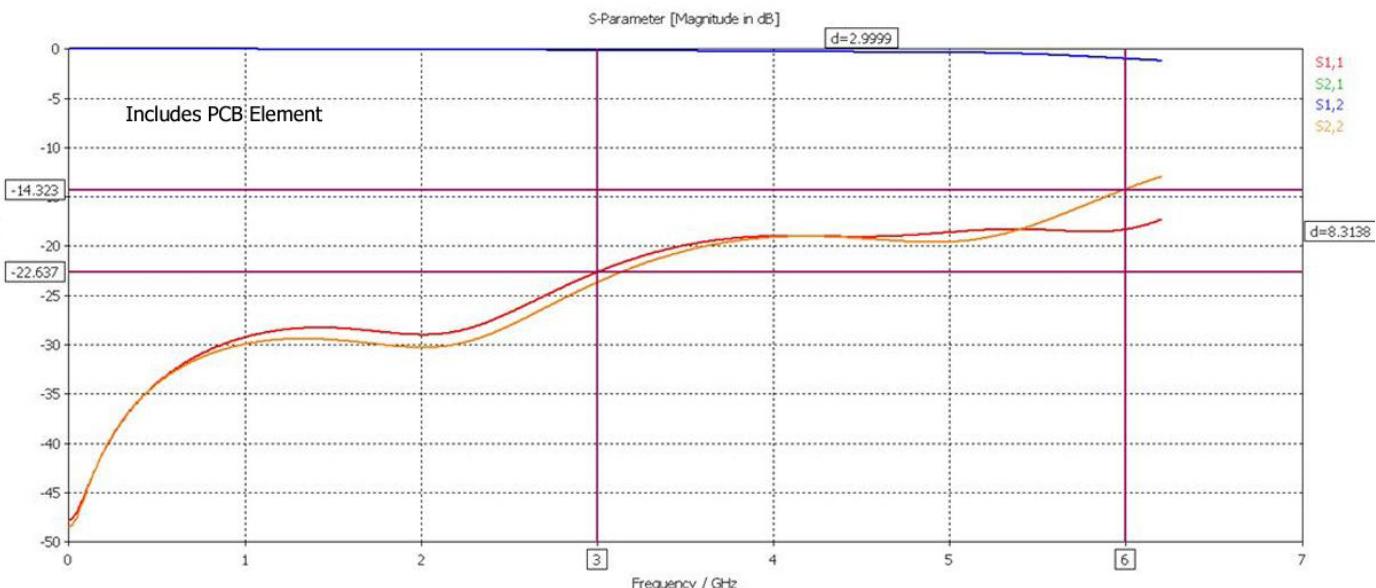
Connector Type	BNC Female
Temp Range	-65 to +85°C
Mating Cycles	500



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Return Loss Graph



PCB Layout and Panel Cutout

