

General Description

The XBS-06-TB38-NNW is a top entry three pin bulkhead mounting BNC connector. This BNC connector is suitable for high speed video applications such as 6G HD- SDI digital broadcast and CoaXPress machine vision. The connector features a waterproof seal.

This connector was formerly sold as:
C-SX-164 when supplied with AWB-S0-ZBN-0.50 and ANB-H0-ABN-2.50

Electrical

Impedance	75Ω	
Frequency Range	0-6GHz	
Working Voltage	500Vrms	
Reflection Factor (VSWR)	1.04 (max) 0-3GHz 1.11 (max) 3-6GHz	
Dielectric Withstanding Voltage	1500Vrms	
Insulation Resistance	≥5000MΩ	
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 1.0mΩ

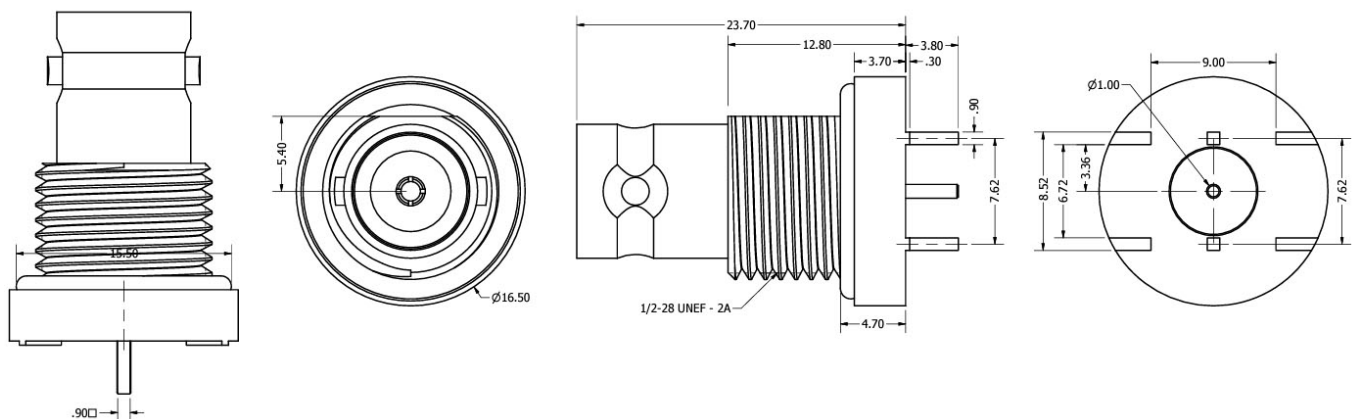


Materials

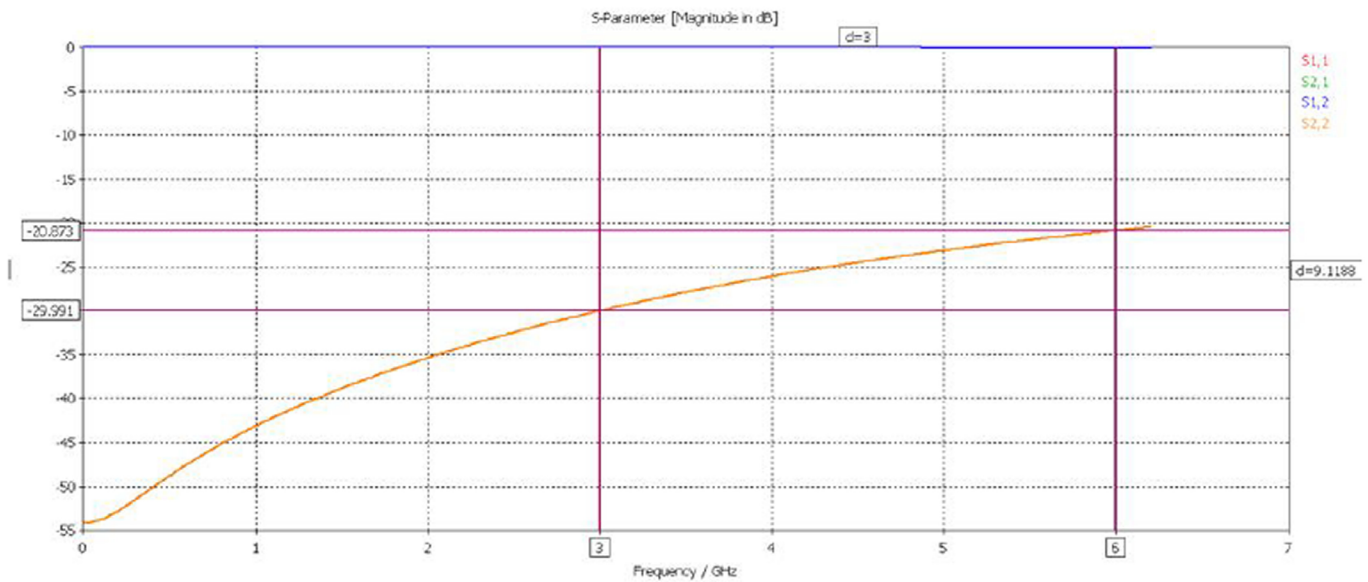
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Brass/Ni
Insulators	PTFE
Seal	Silicone Rubber

Environmental

Connector Type	BNC Female
Temp Range	-65 to +85°C
Mating Cycles	250



Return Loss Graph



PCB Layout and Panel Cutout

