

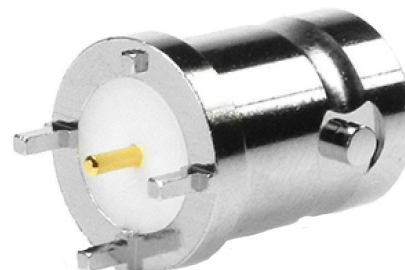
General Description

The XBS-03-TE24-NNI is a round based, top entry, mounting BNC connector, which meets the SMPTE 424M standard, allowing bit-rates of 2.970Gbit/s over a single coaxial connection. This connector is ideal for use in industrial process control and data acquisition and is compliant with Picture in Picture applications.



Electrical

Impedance	75Ω	
Frequency Range	0-3GHz	
Working Voltage	500Vrms	
Reflection Factor (VSWR)	1.02 (max) 0-1.5GHz 1.10 (max) 1.5-3GHz	
Dielectric Withstanding Voltage	1500Vrms	
Insulation Resistance	≥5000MΩ	
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 1.0mΩ

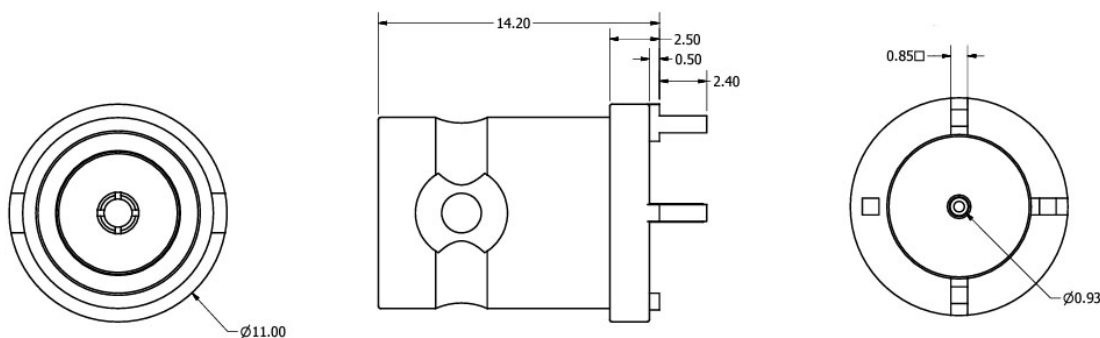


Materials

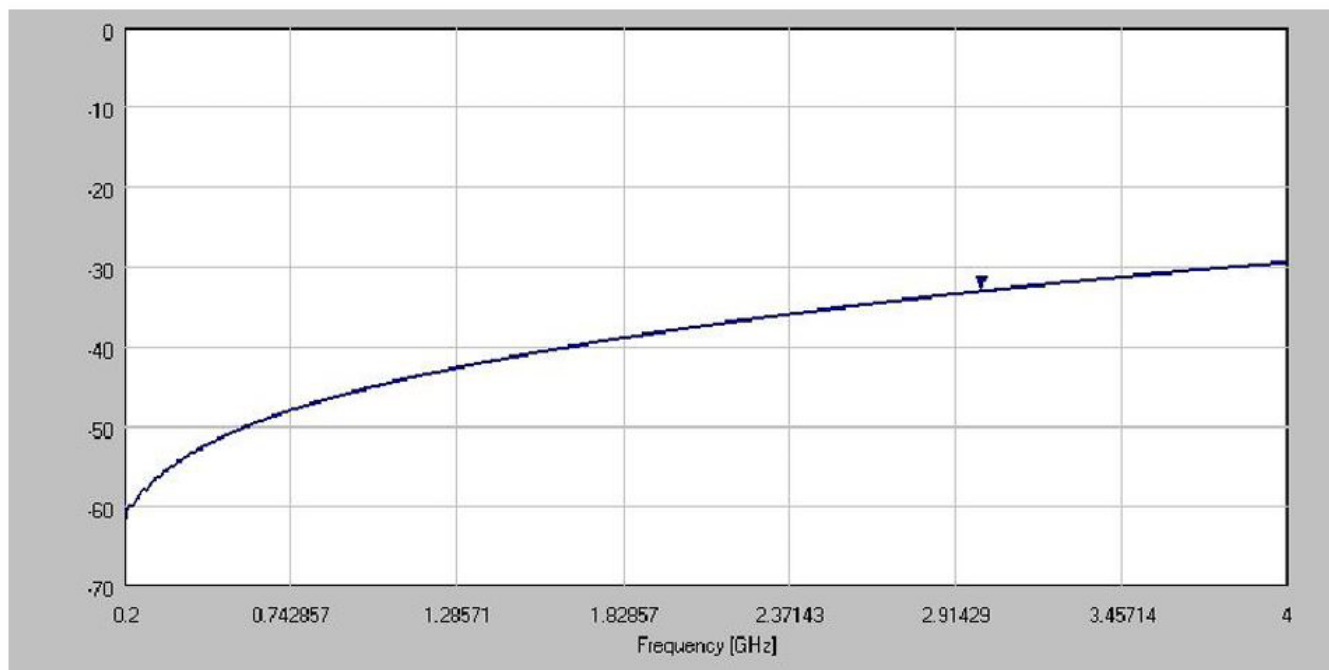
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Brass/Ni
Insulators	PTFE

Environmental

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



Return Loss Graph



PCB Layout and Panel Cutout

