

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.

This connector was formerly sold as:
C-SX-118 as a connector only product



Electrical

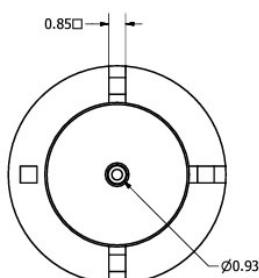
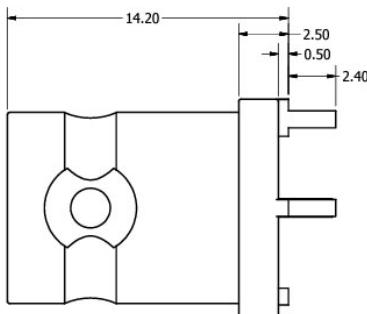
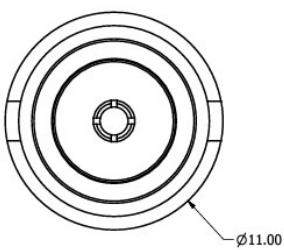
Impedance	75Ω				
Frequency Range	0-3GHz				
Working Voltage	500Vrms				
Reflection Factor (VSWR)	1.02 (max) 0-1.5GHz 1.10 (max) 1.5-3GHz				
Dielectric Withstanding Voltage	1500Vrms				
Insulation Resistance	\geq 5000MΩ				
Contact Resistance	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="padding: 2px;">Centre Contact</td> <td style="padding: 2px;">\leq 1.5mΩ</td> </tr> <tr> <td style="padding: 2px;">Outer Contact</td> <td style="padding: 2px;">\leq 1.0mΩ</td> </tr> </table>	Centre Contact	\leq 1.5mΩ	Outer Contact	\leq 1.0mΩ
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Materials

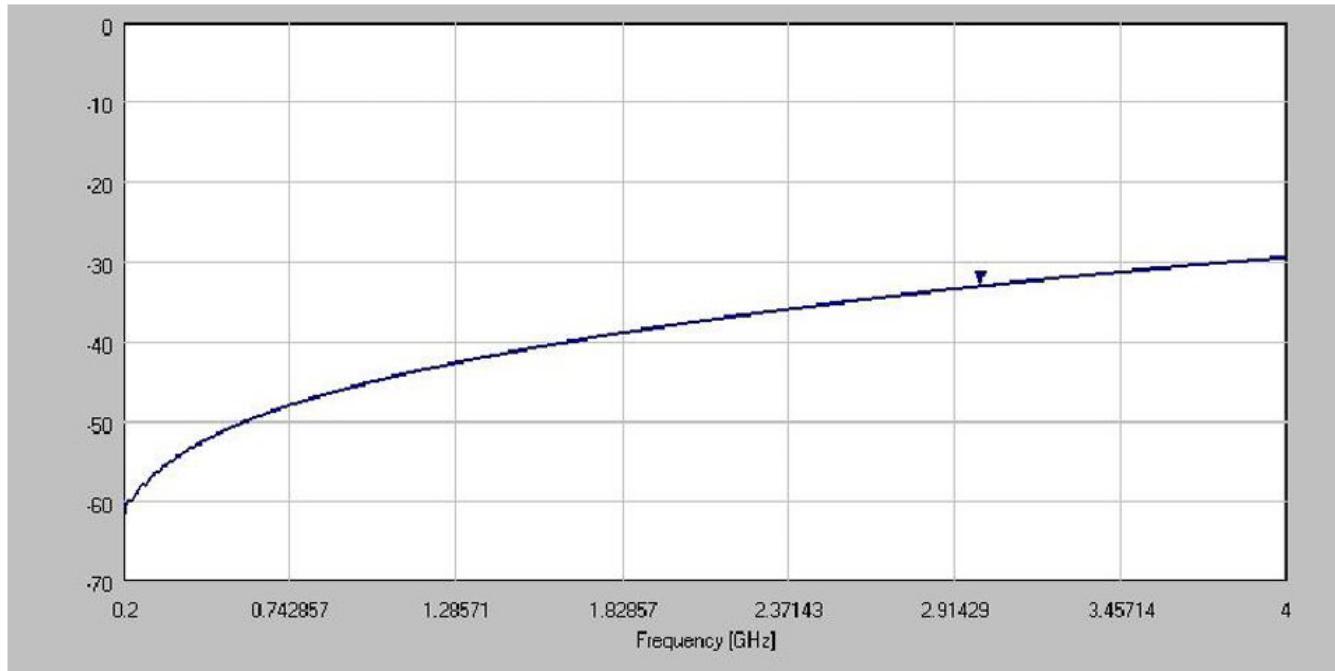
Centre Pin	PhosBronze / 10 μ "Au
Metal Parts	Brass/Ni
Insulators	PTFE

Environmental

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



Return Loss Graph



PCB Layout and Panel Cutout

