

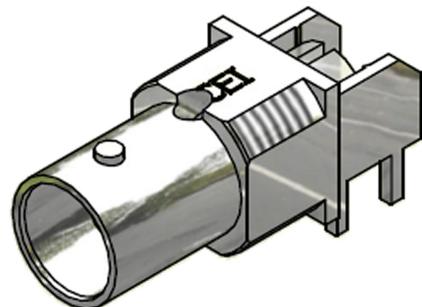
3GHz Coaxial Connectors

PCB Right Angle Mounting BNC Connector with Pathfinder™ Light Pipe

Part Number C-SX-085

General Description

The C-SX-085 precision 75Ω BNC Connector is a right angle mounted PCB connector, featuring Pathfinder™ light pipe technology which aids port identification. With a centre line of 4mm above the board, its low profile permits closer packing densities of daughter boards, which allows reduction in the bulk of routing and switching equipment. Other materials such as gold plating are available.

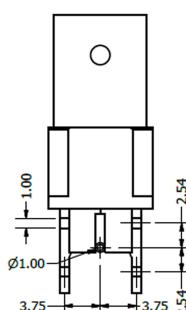
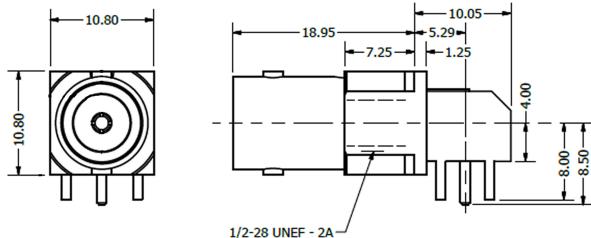


Electrical Specification

Impedance:	75Ω
Frequency Range:	0-3GHz
Working Voltage:	500Vrms
Dielectric Withstanding Voltage:	1500Vrms
Reflection Factor (VSWR):	1.12 ^(max) DC - 1.5GHz 1.22 ^(max) 1.5 - 3GHz
Contact Resistance:	Centre contact 1.5mΩ Outer contact 1.0mΩ
Insulation Resistance:	>5000M Ω
Connector Type:	Female
Materials	
Centre Pin:	Phosphor Bronze/ 10 μ" Au
Metal Parts:	Die Cast Zinc / Ni
Insulators:	UL94 HB TPX
Environmental	
Temp Range:	-65 to +85°C
Mating Cycles	250
Processing	Maximum wave and hand soldering temperature 265°C

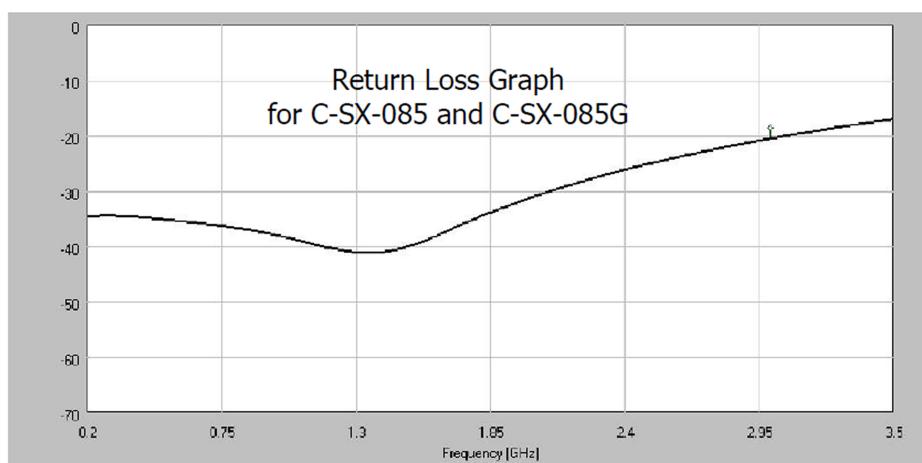
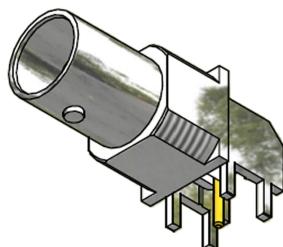
Features

- Precision 75Ω BNC Connector
- Designed for HD SDV applications
- Low profile allows higher wiring densities
- Pathfinder™ Light Pipe feature aids port identification



3G SDI

CoaxVision™



CAMBRIDGE
ELECTRONIC INDUSTRIES

Tel: +44 (0)1223 860041

Tel: +44 (0)1223 863377

Email: sales@cambridgeelectronics.com