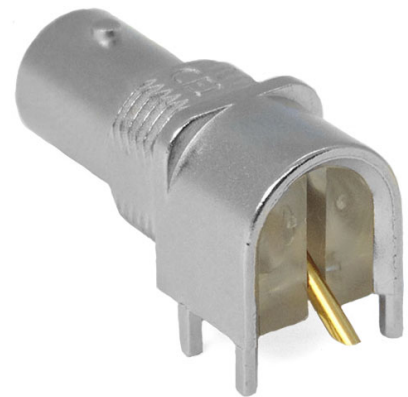


General Description

The XBS-03-RB33-NNNV precision 75Ω BNC Connector is a right angle mounted PCB connector for surface mount applications. It also features Pathfinder™ light pipe technology which aids port identification, whilst also meeting the requirements of the SMPTE ST 2081-1 for 3G-SDI.

This connector was formerly sold as:
 C-SX-104 when supplied with ANB-H0-ABN-2.50 and AWB-50-ZBN-0.50



Electrical

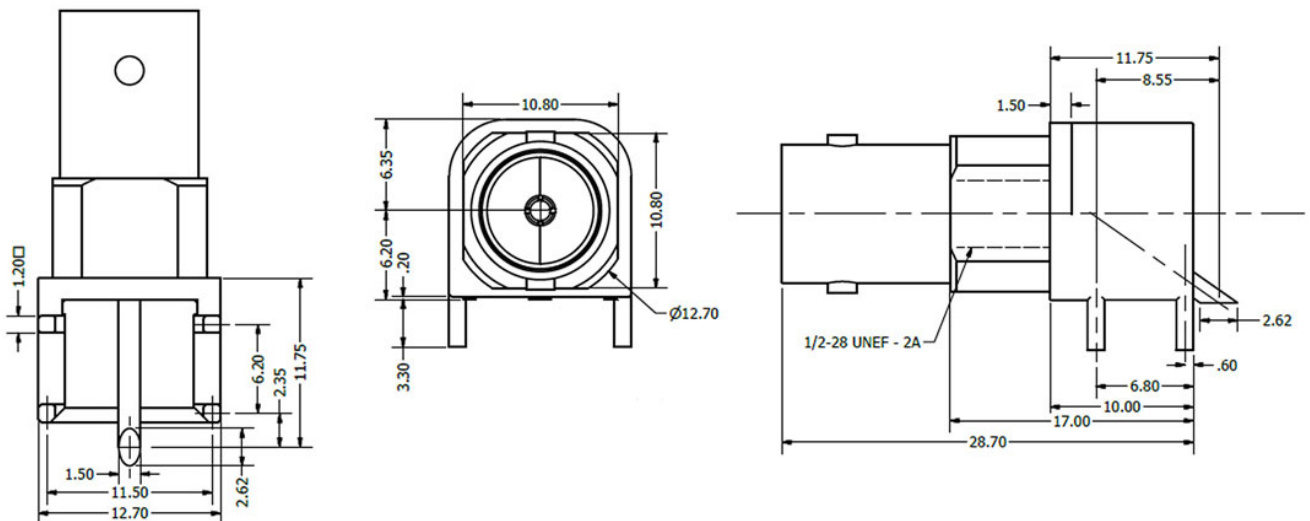
| | | |
|---------------------------------|--|---------|
| Impedance | 75Ω | |
| Frequency Range | 0-3GHz | |
| Working Voltage | 500Vrms | |
| Reflection Factor (VSWR) | 1.09 (max) 0-1.5GHz 1.18 (max) 1.5-3GHz | |
| Dielectric Withstanding Voltage | 1500Vrms | |
| Insulation Resistance | ≥5000MΩ | |
| Contact Resistance | Centre Contact | ≤ 1.5mΩ |
| | Outer Contact | ≤ 1.0mΩ |

Materials

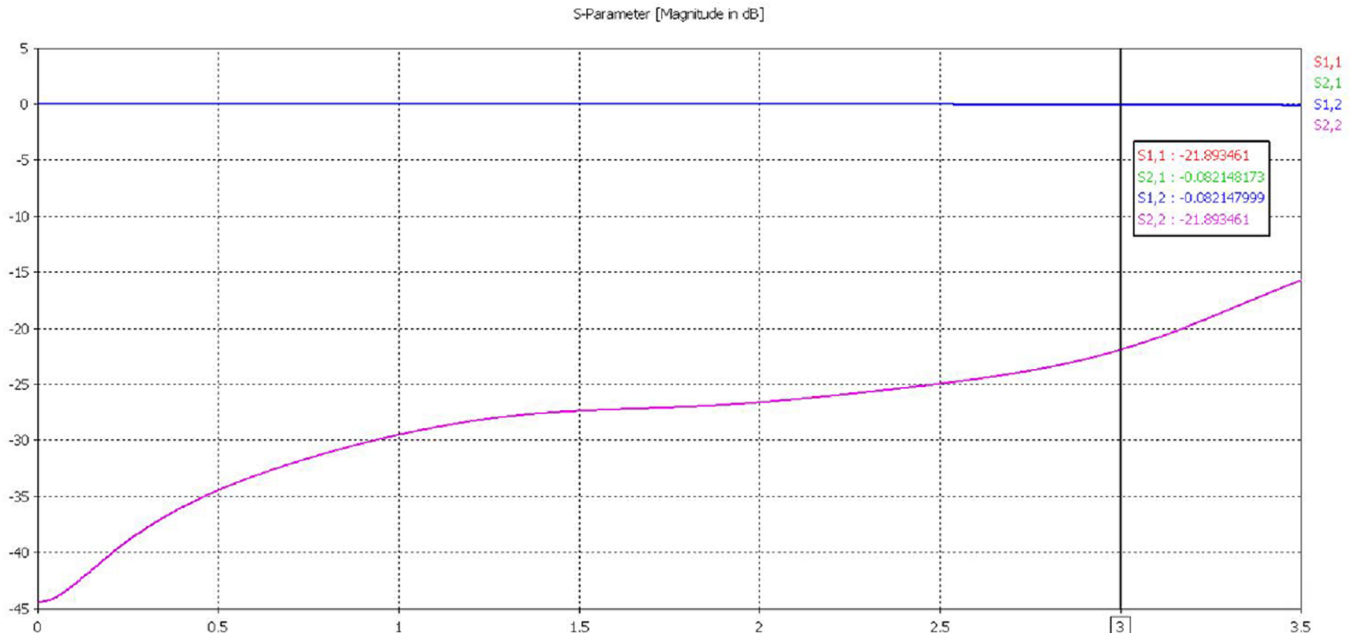
| | |
|-------------|----------------------|
| Centre Pin | PhosBronze / 10 μ"Au |
| Metal Parts | Die Cast Zinc/Ni |
| Insulators | UL94 HB TPX |

Environmental

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



Return Loss Graph



PCB Layout and Panel Cutout

