

**Precision 75 Ohm Mini BNC connectors for 3G SDI Broadcast Applications
Top Entry PCB mounting**



Features

- For use in SDI, HDI, 3G-SDI digital broadcast applications
- 12mm pitch for increased wiring densities
- Regularly used in the Broadcast Industry



C-SX-094

General Description

Straight PCB mounting Precision 75 ohm female Mini BNC connector. Although superficially similar to standard 75 ohm Mini BNC products, enhanced internal geometry and the use of specialised materials produces a product with Precision 75 ohm performance.

Applications

It is specifically designed for the broadcast industry for use in confined areas such as Outside Broadcast applications.

Specification -

Electrical

Impedance	75 Ohm
Frequency Range	0 - 3.0 GHz
Working Voltage	300Vrms
Dielectric Withstanding Voltage	1500Vrms

Reflection Factor (VSWR)

DC—1.5GHz	1.08 (Max)
1.5—3.0GHz	1.13 (Max)

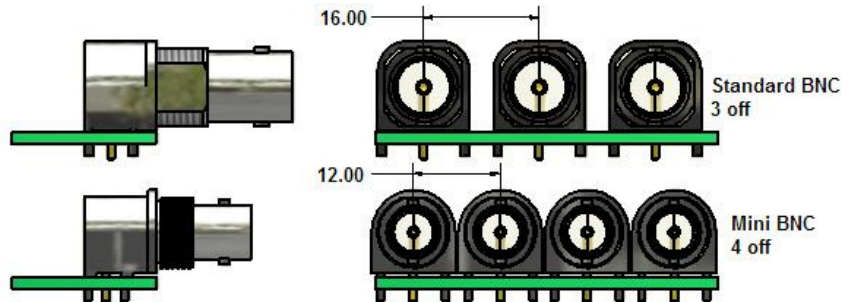
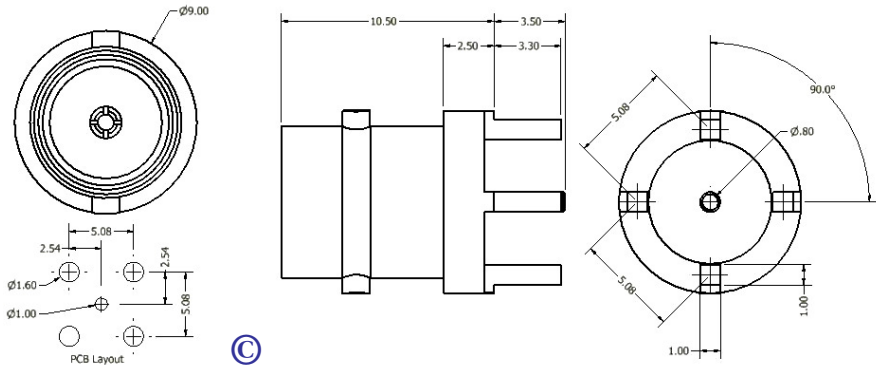
Contact Resistance	Centre Contact 12.0 m ohm
Insulation Resistance	> 1000 meg ohm

Materials

Centre Pin	Phos Bronze / 10u" Au
Body finish	Standard — Brass/Ni
Insulators	PTFE

Environmental

Temperature Range	- 65 to +85° C
Mating Cycles	500



Comparison between BNC and 1.0/2.3 connectors

