

**Precision 75 Ohm Mini BNC connector for 3G SDI Broadcast Applications
Right Angle PCB mounting**



Features

- For use in SDI, HDI, 3G-SDI digital broadcast applications
- 12mm pitch for increased wiring densities
- Style regularly used in broadcast applications where higher wiring densities are required.

General Description

Right angle 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 in Outside Broadcast Units.

Specification -

Electrical

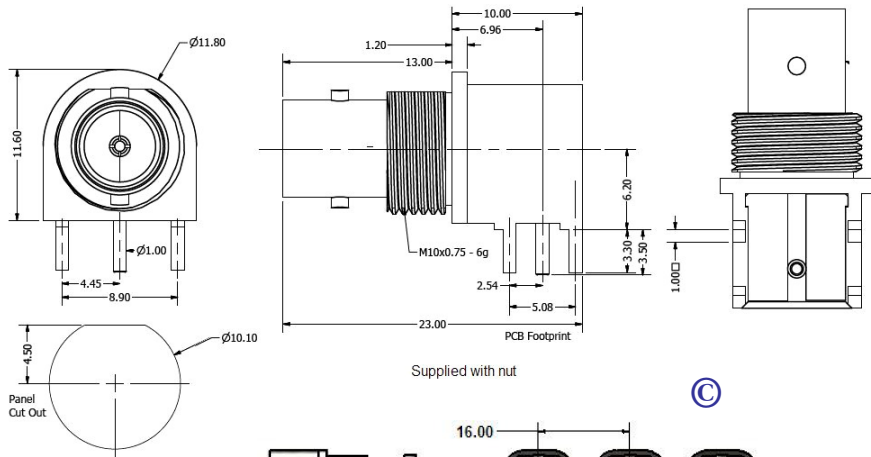
Impedance	75 Ohm
Frequency Range	0 - 3.0 GHz
Working Voltage	300Vrms
Dielectric Withstanding Voltage	1500Vrms

Reflection Factor (VSWR)

DC—1.5GHz	1.04 (Max)
1.5—3.0GHz	1.16 (Max)

Contact Resistance	Centre Contact
	12.0 m ohm

Insulation Resistance > 1000 meg ohm

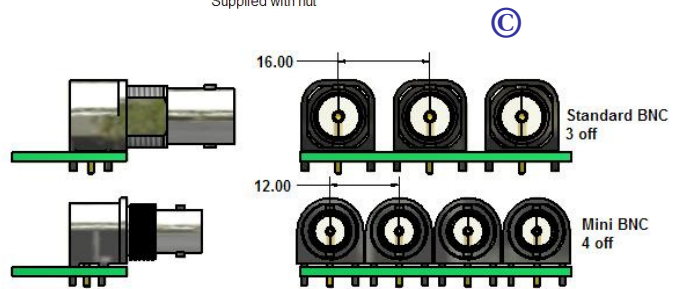


Materials

Centre Pin	Phosphor Bronze/ 10u" Au
Body finish	Standard — Brass/Ni
Insulators	TPX

Environmental

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



Comparison between BNC and 1.0/2.3 connectors

