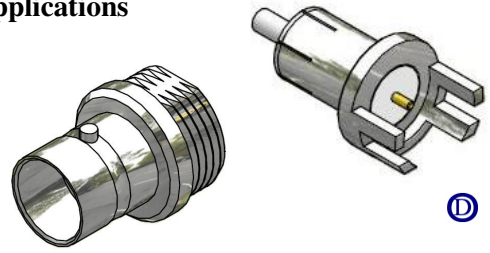


Precision 75 Ohm Mini BNC connector for 3G SDI Broadcast Applications
2 Part Design for Rapid Board Swap

Features

- For use in SDI, HDI, 3G-SDI digital broadcast applications
- 2 Part Design enables rapid swapping of boards without disconnecting patch cables
- 12mm pitch for increased wiring densities



General Description

2 Part Precision 75 ohm female Mini BNC connector. Its 2 part design allows daughter boards in switching and routing equipment to be swapped out without the necessity of removing attached patch cables; this greatly reduces downtime.

Applications

It is specifically designed for SDI, HDI, 3G-SDI digital broadcast applications. Its 12mm pitch makes it ideal for use in routing and switching equipments operating in confined areas such as in Outside Broadcast Units.

Style shown is PCB edge mounting inner and front bulkhead mounting outer. Other styles are available on request.

Specification -

Electrical

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

Reflection Factor (VSWR)

DC—1.5GHz	1.05 (Max)
1.5—3.0GHz	1.07 (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	PTFE

Environmental

Temperature Range	- 65 to +85 ⁰ C
Mating Cycles	500

