



NEW PRODUCT RELEASE - True 75 ohm 3GHz Mini BNC Connectors

True 75 Ohm Mini BNC co-axial connector range for 3G-HD Serial Digital applications.

This true 75 ohm mini BNC connector range has been engineered by Cambridge Connectors to operate in 3G-SDI broadcast environments where its compact size makes it invaluable in high density wiring applications such as routing and switching equipment.

Features

- For use in SDI, HDI, 3G-SDI digital broadcast applications
- 12mm pitch offers compact dimensions
- Already used in broadcast industry

Specification -

Electrical

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

Reflection Factor

	DC-1.5GHz (VSWR)	1.5 - 3.0 GHz (VSWR)
Top Entry Mini BNC	1.08	1.13
Right Angle Mini BNC	1.04	1.16
2 Part Mini BNC	1.05	1.07
Edge Mount Mini BNC	1.05	1.06

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 (R/A version)	TPX
Insulators (All others)	PTFE

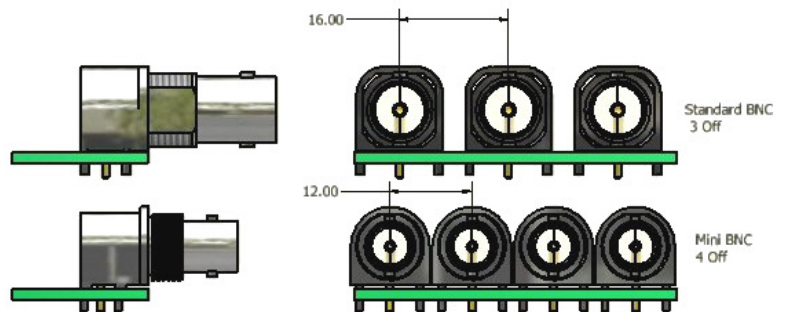
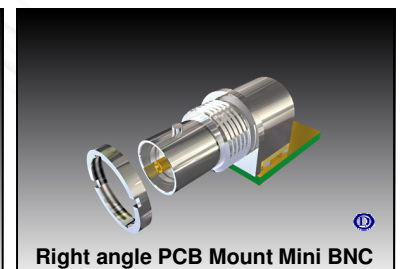
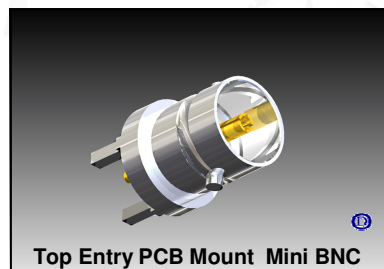
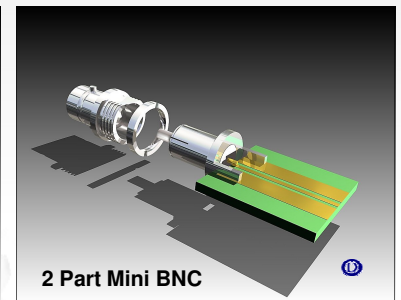
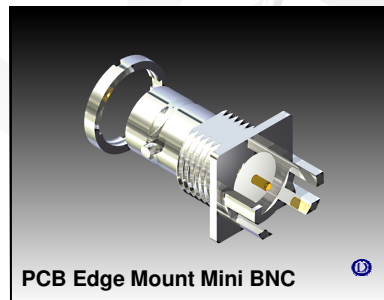
Environmental

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

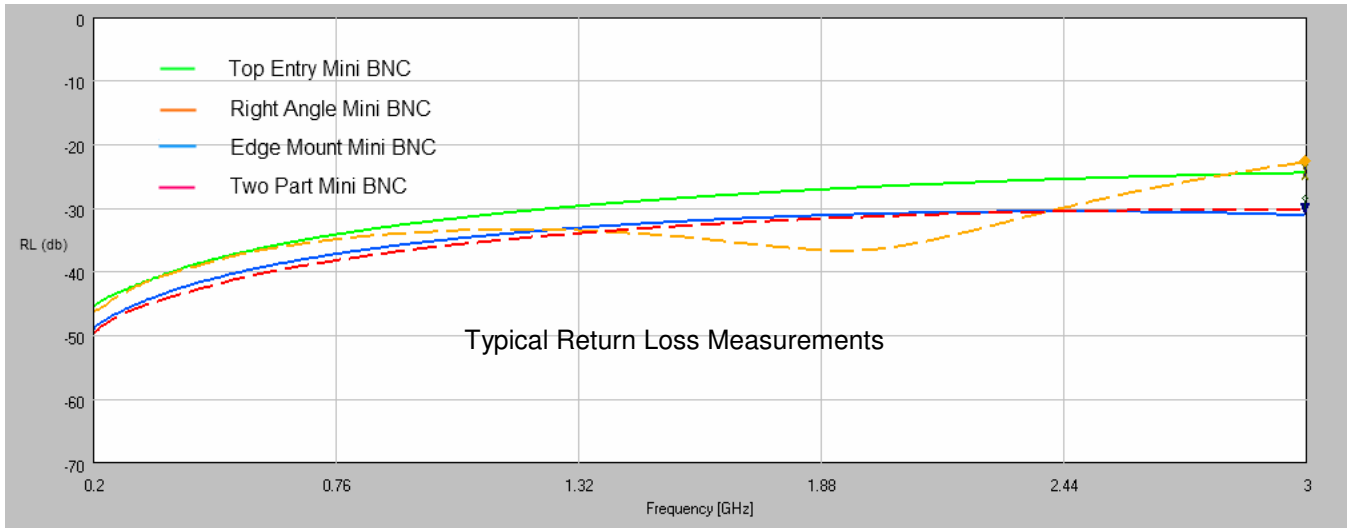
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Pitch comparison between Standard BNC and Mini BNC Connectors



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