

BNC Straight Crimp / Crimp Plug 50ohm

10-005-A3-DE

BNC 50 ohm straight crimp plug, for applications up to 111GHz. Centre contact, which can be either soldered or crimped, and crimp sleeve are annealed to provide a robust and durable termination, centre contact is gold plated. Suitable for LMR400 or similar



50 ohm BNC connectors feature a simple bayonet coupling requiring only a quarter turn to connect or disconnect. The easy to use coupling make BNC one of the most popular general purpose connectors used in all markets. Designed to meet the requirements of IEC 61169-8, typical applications include, instrumentation, security, telecom, broadcast, mil/aero and many others. See also our 75 ohm BNC connectors and Mini BNC & Micro BNC sections for smaller versions of this popular interface.

Specification

Electrical Specification

Impedance	50 Ohm
Frequency Range	Up to 11GHz
Dielectric Withstand Voltage	1500 Veff
Insulation Resistance	5000 M-Ohm

Mechanical Specification

Design Standard	IEC 61169-8
RoHS3 Compliant	Yes
Centre Contact Termination	Solder
Outer Contact Termination	Crimp
Mating Cycles	500
Contact Retention	10N min
Cable Retention	150N min
Weight	12.3g
Mating Force	13.6N max
Un-Coupling Force	13.6N max

Environmental Specification

Operating Temperature	-55 to +155 Deg C
IP Rating (Mated)	IP64

Materials

Centre Contact	Brass
Outer Contact	Brass
Insulator	Delrin
Bayonet Cap	Zinc
Centre Contact Plating	Gold
Outer Contact Plating	Nickel
Pack Size	1