



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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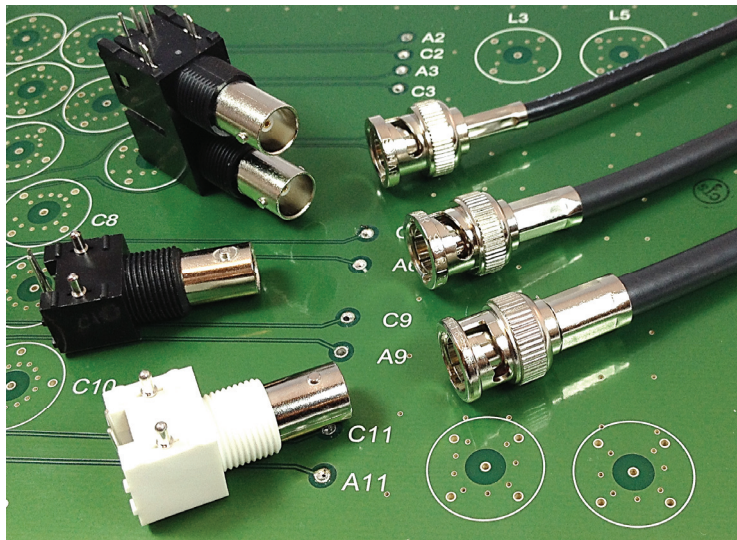
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300 Series

50 Ohm BNC Cable Plugs



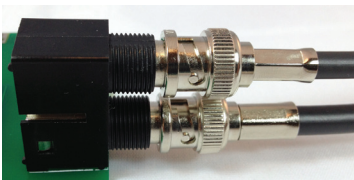
Product Description

Winchester's Bomar brand 300 Series 50 Ohm BNC Cable Plug Connectors can be used in a wide range of applications including Broadcast, Telecommunications, Test and Measurement, Security, and Medical.

The 300 Series 50 Ohm BNC Cable Plug Connectors are quick-connect/quick-disconnect connectors that are easy to mate and un-mate with only a quarter turn of the coupling nut.

Designed to accommodate a large variety of RG cables and industry standard cables, Winchester's Bomar brand 300 Series 50 Ohm BNC Cable Plug Connectors feature a crimp/crimp termination.

A full line of printed circuit board receptacles, bulkhead receptacles, resistor terminations, and other accessories are also available.



- Bayonet coupling system ensures positive locking and allows quick and easy mating and un-mating of connectors.
- BNC cable plugs feature a captivated center contact. The retention barb prevents the contact from backing out the rear of the connector while a "nail head" feature at the crimp end prevents the contact from being over inserted into the connector.
- Coupling Nuts are stamped with Bomar name and part number for easy identification in the field.

Specifications

Electrical

Impedance:	50 Ohms
Frequency Range:	0 – 4 GHz
Working Voltage:	500 VRMS at Sea Level
Dielectric	
Withstanding Voltage:	1500 VRMS at Sea Level
VSWR:	Straight: 1.5 Max
Contact Resistance:	Center Contact: ≤ 3 Milliohms
Insulation Resistance:	5000 Megohms Min
Insertion Loss:	0.2dB Max

Environmental

Temperature Range:	- 40° C to +165° C
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Material

Body and Outer Contacts:	Brass, Nickel Plated
Male Contact:	Brass, Gold Plated
Insulator:	PTFE
Crimp Ferrule:	Copper or Brass, Nickel Plated

Mechanical

Coupling Nut Retention:	101 lbs.
Center Contact Retention:	≥ 6 lbs.
Engagement Force:	≤ 5 lbs.
Disengagement Force:	≥ 1.5 lbs.
Durability (Mating):	500 Cycles Min.



BNC Installation / Removal Tools

KTW-21 is available in two popular lengths – a standard 12-inch tool (KTW-21-2) and a 24-inch extended length tool (KTW-21-1).

Part Numbers

Bomar Part Number	Straight Cable Plugs	Crimp Tool with Die	Hex Size	Packaging
310A205MV	RG174, RG316, LMR100	BDHD200	.068 / .213	Single
310A205M	RD316	BDHD200	.068 / .213	Single
310A205F	RG58, RG141, RG142, LMR195 Stranded	BDHD200	.068 / .213	Single
310A205FS	RG 58, LMR 195 Solid Center Conductor	BDHD200	.068 / .213	Single
310A205A	RG6, 21 AWG Center Conductor	BDHD200	Solder / .288	Single
310A205A18	RG6 CATV 18 AWG Center conductor	BDHD200	.068 / .288	Single



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