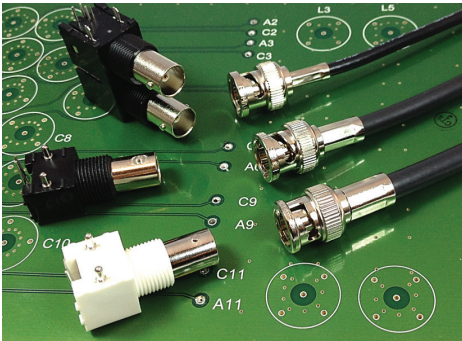


300 Series

50 Ohm BNC Cable Plugs



Bomar products, like the 300 Series 50 Ohm BNC Cable Plugs, are now sold under the Win® brand from Winchester Interconnect™

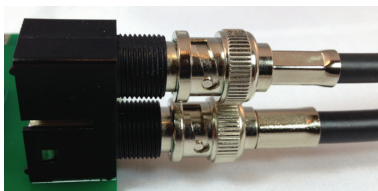
Product Description

Winchester Interconnect's 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 Interconnect's 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 the Winchester name and part number for easy identification in the field.

 **Winchester**
Interconnect.

We Energize Innovation.

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 Insertion Loss 0.2dB Max Insulation Resistance 5000 Megohms Mi	Mechanical Coupling Nut Retention 101 lbs. Center Contact Retention ≥6 lbs. Engagement Force ≤5 lbs. Disengagement Force ≥1.5 lbs. Durability 500 Cycles Min	Material Body Brass, Nickel Plated Outer Contacts Brass, Nickel Plated Male Contact Brass, Gold Plated Insulator PTFE Crimp Ferrule Copper or Brass, Nickel Plated	Environmental Temperature Range -40°C to +165°C
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Part Numbers

Part Number	Straight Cable Plugs	Crimp Tool with Die	Hex Size	Packaging
310A205MV	RG174, RG316, LMR100	BDHD200	0.068 / 0.213	Single
310A205M	RD316	BDHD200	0.068 / 0.213	Single
310A205F	RG58, RG141, RG142, LMR195 Stranded	BDHD200	0.068 / 0.213	Single
310A205FS	RG58, LMR195 Solid Center Conductor	BDHD200	0.068 / 0.213	Single
310A205A	RG6, AWG Center Conductor	BDHD200	Solder / 0.288	Single
310A205A18	RG6 CATV18 AWG Center Conductor	BDHD200	0.068 / 0.288	Single

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).



Bomar products are now under the Win™ brand from Winchester Interconnect.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Bomar Interconnect:](#)

[310A205MV](#) [310A205A18](#)