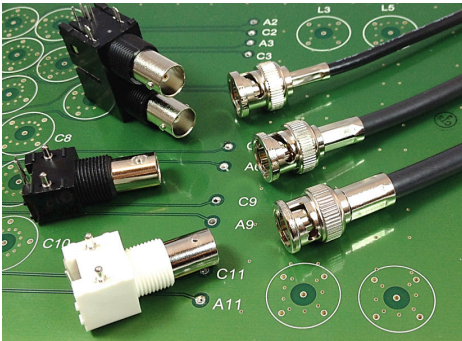


300 Series

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™

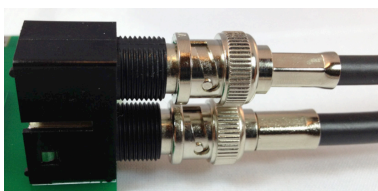
Product Description

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.

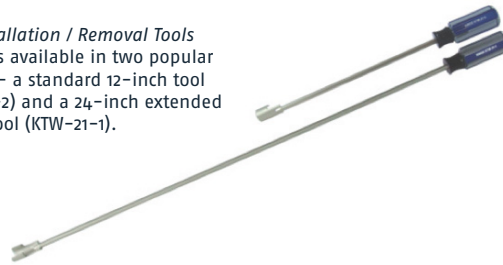
Specifications

<p>Electrical</p> <p>Impedance 50 Ohms</p> <p>Frequency Range 0 – 4 GHz</p> <p>Working Voltage 500 VRMS at sea level</p> <p>Dielectric Withstanding Voltage 1500 VRMS at sea level</p> <p>VSWR Straight 1.5 Max</p>	<p>Contact Resistance <i>Center Contact</i> ≤3 Milliohms</p> <p>Insertion Loss 0.2dB Max</p> <p>Insulation Resistance 5000 Megohms Mi</p>	<p>Mechanical</p> <p>Coupling Nut Retention 101 lbs.</p> <p>Center Contact Retention ≥6 lbs.</p> <p>Engagement Force ≤5 lbs.</p> <p>Disengagement Force ≥1.5 lbs.</p> <p>Durability 500 Cycles Min</p>	<p>Material</p> <p>Body Brass, Nickel Plated</p> <p>Outer Contacts Brass, Nickel Plated</p> <p>Male Contact Brass, Gold Plated</p> <p>Insulator PTFE</p> <p>Crimp Ferrule Copper or Brass, Nickel Plated</p>	<p>Environmental</p> <p>Temperature Range -40°C to +165°C</p>
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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
Continental
SRC Haverhill
SRI Connector Gage
SRI Hermetics
Tekna Seal
Winchester



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