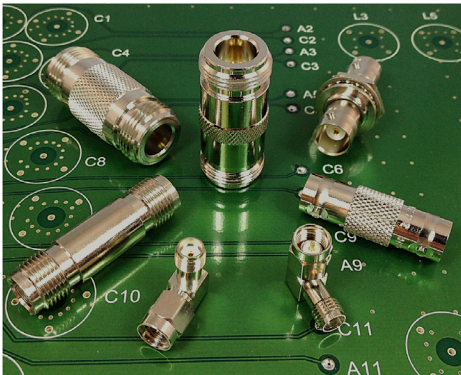


# In-Series RF Adapters

50 Ohm Type N, TNC, BNC, SMA



Bomar products, like the In-Series RF Adapters, are now sold under the Win™ brand from Winchester Interconnect™.

## Product Description

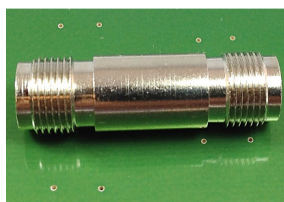
Winchester's 50 Ohm In-Series RF Adapters are available in all popular RF Connector interfaces including Type N, TNC, BNC, and SMA.

In-Series RF Adapters can be used as "connector savers" to prevent wear-and-tear on equipment connectors, to join together two cable connectors of the same gender, or to be installed in break-out panels in a cabling installation.

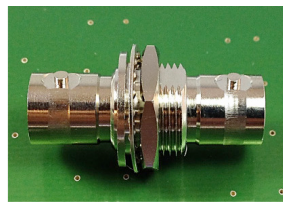
In-Series Adapters are available in Inline, Bulkhead, Isolated Bulkhead, Right-Angle, and 3-port "T" configurations. In-Series Adapters are also available in 75 Ohm, and customer designs are available upon request.



Type N In-Series Adapters



TNC In-Series Adapters



BNC In-Series Adapters



SMA In-Series Adapters

## Specifications

<p><b>Electrical</b> <b>Impedance</b> 50 Ohms</p> <p><b>Frequency Range</b> DC – 1 GHz</p> <p><b>Working Voltage</b> 500 VRMS at Sea Level</p> <p><b>Dielectric Withstanding Voltage</b> 1500 VRMS at Sea Level</p> <p><b>VSWR</b> Consult Series Specifications</p>	<p><b>Contact Resistance</b> Center Contact: ≤ 3 Milliohms</p> <p><b>Insulation Resistance</b> 5000 Megohms Min</p> <p><b>Insertion Loss</b> 0.2 dB Max</p>	<p><b>Mechanical</b> <b>Mating Cycles</b> 500 Min</p> <p><b>Center Contact</b> Captivated</p>	<p><b>Material</b> <b>Bodies</b> Nickel / Gold (see table)</p> <p><b>Female Contacts</b> Beryllium Copper Gold Plated</p> <p><b>Insulator</b> PTFE</p>	<p><b>Environmental</b> <b>Temperature Range</b> - 40°C to +165°C</p>
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## Part Numbers

Interface	Part Number	In-Series Adapter Description	Impedance	Body Material	Drawing Number
BNC	343A505	"T" Adapter, Jack-Plug-Jack	50	Nickel / Gold	SD343A505
BNC	332A505	Jack to Jack, Inline	50	Nickel / Gold	SD332A505
BNC	330A505	Plug to Plug, Inline	50	Nickel / Gold	SD330A505
BNC	335A544	Jack to Jack, Bulkhead	50	Nickel / Gold	SD335A544
BNC	335R544	Jack to Jack, Bulkhead, Isolated Ground	50	Nickel / Gold	SD335R544
SMA	930A524	Plug to Plug, Inline	50	Gold / Gold	SD930A524
SMA	932A524	Jack to Jack, Inline	50	Gold / Gold	SD932A524
SMA	935A505	Jack to Jack, Bulkhead	50	Gold / Gold	SD935A505
SMA	951A505	Plug to Jack, Right-Angle	50	Gold / Gold	SD951A505
TNC	532A505	Jack to Jack, Inline	50	Nickel / Gold	SD532A505
TNC	535A544	Jack to Jack, Bulkhead	50	Nickel / Gold	SD535A544
TNC	535R544	Jack to Jack, Bulkhead, Isolated	50	Nickel / Gold	SD535R544
TNC	543A505	"T" Adapter, Jack-Plug-Jack	50	Nickel / Gold	SD543A505
TNC	545A505	"T" Adapter, Jack-Jack-Jack	50	Nickel / Gold	SD545A505
TNC	551A505	Plug to Jack, Right-Angle	50	Nickel / Gold	SD551A505
Type N	132A505	Jack to Jack, Inline	50	Nickel / Gold	SD132A505
Type N	143A505	"T" Adapter, Jack-Plug-Jack	50	Nickel / Gold	SD143A505
Type N	145A505	"T" Adapter, Jack-Jack-Jack	50	Nickel / Gold	SD145A505
Type N	151A505	Plug to Jack, Right-Angle	50	Nickel / Gold	SD151A505
Type N	130A5011	Plug to Plug, Inline	50	Tri Metal / Gold	SD130A5011
Type N	132A5011	Jack to Jack, Inline	50	Tri Metal / Gold	SD132A5011

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