



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!



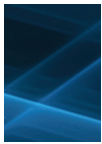
## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

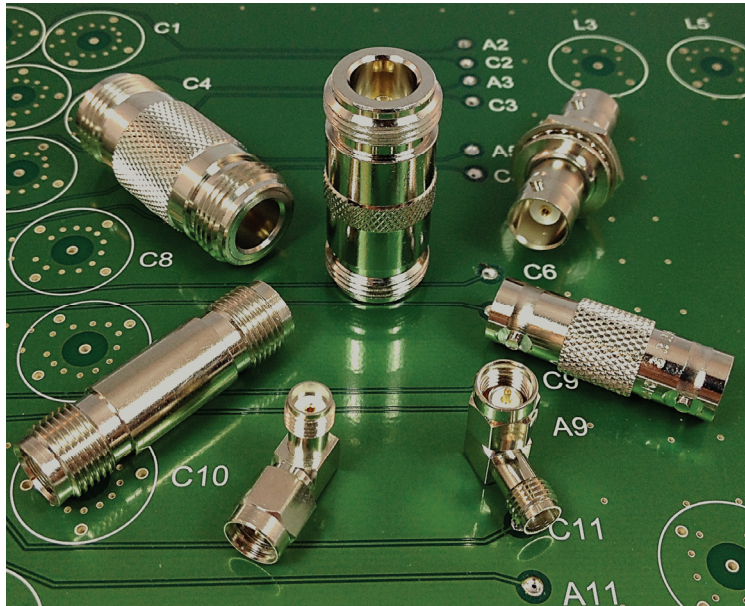
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# In-Series RF Adapters

50 Ohm Type N, TNC, BNC, SMA



## Product Description

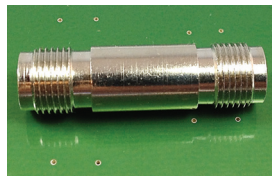
Winchester's Bomar brand of 50 Ohm In-Series RF Adapters are available in all popular RF Connector interfaces including Type N, TNC, BNC, and SMA.

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.

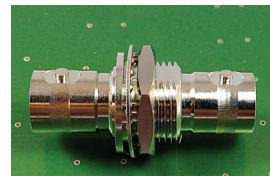
In-Series Adapters are available in Inline, Bulkhead, Isolated Bulkhead, Right-Angle, and 3-port "T" configurations. In-Series Adapters are also available in 75 Ohm, and customer designs are available upon request.



Type N  
In-Series Adapters



TNC  
In-Series Adapters



BNC  
In-Series Adapters



SMA  
In-Series Adapters

## Specifications

### Electrical

Impedance: 50Ω Ohms  
 Frequency Range: 50Ω DC – 1 GHz  
 Working Voltage: 500 VRMS at Sea Level  
 Dielectric  
 Withstanding Voltage: 1500 VRMS at Sea Level  
 VSWR: Consult Series Specifications  
 Contact Resistance: Center Contact: ≤ 3 Milliohms  
 Insulation Resistance: 5000 Megohms Min  
 Insertion Loss: 0.2 dB Max

### Material

Bodies: Nickel / Gold (see table)  
 Female Contact: Beryllium Copper  
 Gold Plated  
 Insulator: PTFE

### Mechanical

Mating Cycles: 500 Min  
 Center Contact: Captivated

### Environmental

Temperature Range: - 40° C to +165° C

## Part Numbers

Interface	Bomar 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



Winchester Electronics  
 199 Park Road Extension, Suite 104  
 Middlebury, Connecticut 06762  
 203.741.5400 Phone  
 203.741.5500 Fax  
[www.winchesterelectronics.com](http://www.winchesterelectronics.com)