

108 INCHES LENGTH



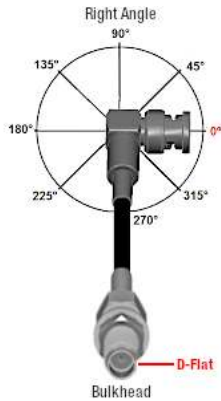
Connector A  
901-9872  
SMA Plug Right Angle  
Brass Gold + Heatshrink

50 Ohm RG-174  
Continuity/Hi-Pot

Connector B  
172129  
N-Type Jack Straight  
Bulkhead - Rear Mount Brass Nickel + Heatshrink

**Assembly & Label Notes**

Assembly label to be placed ~ 2" from end of connector A and/ or heat shrink  
Assembly shall be built with SN96.5 LEAD FREE solder.  
See Routing Notes for additional assembly & testing instructions.



Connector A		Cable		Connector B	
<b>Part #:</b>	901-9872	<b>Part #:</b>	RG-174	<b>Part #:</b>	172129
<b>Description:</b>	SMA R/A PLUG RG174 500	<b>Description:</b>	RG-174 - PE 0.1	<b>Description:</b>	N-Type BHD JK RG316 500
<b>Type:</b>	SMA	<b>Dielectric:</b>	PE	<b>Type:</b>	N-Type
<b>Gender:</b>	Plug	<b>Shielding:</b>	Braid	<b>Gender:</b>	Jack
<b>Body Type:</b>	Right Angle	<b>Diameter:</b>	0.1	<b>Body Type:</b>	Straight
<b>Contact Type:</b>	Solder	<b>Impedance:</b>	50 Ohm	<b>Contact Type:</b>	Crimp
<b>Polarity:</b>	Standard	<b>Sheathing:</b>	None	<b>Polarity:</b>	Standard
<b>Impedance:</b>	50 Ohm	<b>Testing:</b>	Continuity Hi-Pot	<b>Impedance:</b>	50 Ohm
<b>Mounting:</b>	Cable	<b>Length:</b>	108 Inches	<b>Mounting:</b>	Bulkhead - Rear Mount
<b>Body Material:</b>	Brass			<b>Body Material:</b>	Brass
<b>Body Finish:</b>	Gold			<b>Body Finish:</b>	Nickel
<b>IP Rating:</b>	None			<b>IP Rating:</b>	None
<b>Contact Material:</b>	Brass			<b>Contact Material:</b>	Beryllium Copper
<b>Contact Finish:</b>	Gold			<b>Contact Finish:</b>	Gold
<b>Max. Freq.:</b>	12.4 GHz			<b>Max. Freq.:</b>	11 GHz
<b>Booting:</b>	SMA Plug Right Angle			<b>Booting:</b>	N-Type Jack Straight BHD
				<b>Clacking:</b>	0°



CONTROLLED DOCUMENT - DO NOT COPY

THIS DRAWING MAY CONTAIN PATENTED OR PROPRIETARY INFORMATION AND MUST NOT BE USED FOR ANY PURPOSE DETRIMENTAL TO CUSTOM CABLE INC. IT MAY NOT BE REPRODUCED OR TRANSCRIBED IN ANY FORM WITHOUT THE WRITTEN CONSENT OF CUSTOM CABLE INC. ACCEPTANCE OF THIS DRAWING ESTABLISHES AND AGREEMENT OF THE FOREGOING.

Title:  
**SMA-RA-PL/N-ST-JK G174 108I**

Part No:  
**Q-3401T0003108I**

**UNLESS SPECIFIED**  
TOLERANCE:  
0-18 inches +/- 1/2"  
over 18" +/- 2%  
ASSEMBLY:  
CENTER LABEL IF LENGTH  
IS LESS THAN 12 INCHES