



Connector A  
132114  
SMA Plug Straight  
Brass Gold + Heatshrink

50 Ohm RG-174  
Continuity/Hi-Pot

Connector B  
SMP-FR-C08-1  
SMP Plug Right Angle  
Beryllium Copper Gold + 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>	132114	<b>Part #:</b>	RG-174	<b>Part #:</b>	SMP-FR-C08-1
<b>Description:</b>	SMA PLUG RG174 RG316 LMR100 500	<b>Description:</b>	RG-174 - PE 0.1	<b>Description:</b>	SMP R/A PLUG RG316 RG174 500
<b>Type:</b>	SMA	<b>Dielectric:</b>	PE	<b>Type:</b>	SMP
<b>Gender:</b>	Plug	<b>Shielding:</b>	Braid	<b>Gender:</b>	Plug
<b>Body Type:</b>	Straight	<b>Diameter:</b>	0.1	<b>Body Type:</b>	Right Angle
<b>Contact Type:</b>	Solder	<b>Impedance:</b>	50 Ohm	<b>Contact Type:</b>	Solder
<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>	0.5 Meter	<b>Mounting:</b>	Cable
<b>Body Material:</b>	Brass			<b>Body Material:</b>	Beryllium Copper
<b>Body Finish:</b>	Gold			<b>Body Finish:</b>	Gold
<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>	26.5 GHz
<b>Booting:</b>	SMA Plug Straight			<b>Booting:</b>	SMP Plug Right Angle
				<b>Clocking:</b>	0°



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Title:  
**SMA-ST-PL/SMP-RA-PL G174 0.5M**

Part No:  
**Q-3B04200030.5M**

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