

72 INCHES LENGTH



Connector A  
132117  
SMA Jack Straight  
Brass Gold + Heatshrink

50 Ohm RG-174  
Continuity/Hi-Pot

Connector B  
903-289P-51A  
SMB Plug Right Angle  
Brass 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>           | 132117                        | <b>Part #:</b>      | RG-174            | <b>Part #:</b>           | 903-289P-51A           |
| <b>Description:</b>      | SMA JK RG174 RG316 LMR100 500 | <b>Description:</b> | RG-174 - PE 0.1   | <b>Description:</b>      | SMB R/A PLUG RG316 500 |
| <b>Type:</b>             | SMA                           | <b>Dielectric:</b>  | PE                | <b>Type:</b>             | SMB                    |
| <b>Gender:</b>           | Jack                          | <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>      | 72 Inches         | <b>Mounting:</b>         | Cable                  |
| <b>Body Material:</b>    | Brass                         |                     |                   | <b>Body Material:</b>    | Brass                  |
| <b>Body Finish:</b>      | Gold                          |                     |                   | <b>Body Finish:</b>      | Gold                   |
| <b>IP Rating:</b>        | None                          |                     |                   | <b>IP Rating:</b>        | None                   |
| <b>Contact Material:</b> | Beryllium Copper              |                     |                   | <b>Contact Material:</b> | Brass                  |
| <b>Contact Finish:</b>   | Gold                          |                     |                   | <b>Contact Finish:</b>   | Gold                   |
| <b>Max. Freq.:</b>       | 12.4 GHz                      |                     |                   | <b>Max. Freq.:</b>       | 4 GHz                  |
| <b>Booting:</b>          | SMA Jack Straight             |                     |                   | <b>Booting:</b>          | SMB Plug Right Angle   |
|                          |                               |                     |                   | <b>Clacking:</b>         | 0°                     |



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Title:  
**SMA-ST-JK/SMB-RA-PL G174 72I**

Part No:  
**Q-2V03S0003072I**

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