

18 INCHES LENGTH



Connector A  
132114  
SMA Plug Straight  
Brass Gold + Heatshrink

50 Ohm RG-174  
Continuity/Hi-Pot

Connector B  
142233  
SMB Jack Right Angle  
Bulkhead - Rear Mount 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>           | 132114                          | <b>Part #:</b>      | RG-174            | <b>Part #:</b>           | 142233                                |
| <b>Description:</b>      | SMA PLUG RG174 RG316 LMR100 500 | <b>Description:</b> | RG-174 - PE 0.1   | <b>Description:</b>      | SMB R/A BHD JK RG174 RG316 LMR100 500 |
| <b>Type:</b>             | SMA                             | <b>Dielectric:</b>  | PE                | <b>Type:</b>             | SMB                                   |
| <b>Gender:</b>           | Plug                            | <b>Shielding:</b>   | Braid             | <b>Gender:</b>           | Jack                                  |
| <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>      | 18 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>      | Gold                                  |
| <b>IP Rating:</b>        | None                            |                     |                   | <b>IP Rating:</b>        | None                                  |
| <b>Contact Material:</b> | Brass                           |                     |                   | <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 Plug Straight               |                     |                   | <b>Booting:</b>          | SMB Jack Right Angle                  |
|                          |                                 |                     |                   | <b>Clocking:</b>         | 0°                                    |



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Title:  
**SMA-ST-PL/SMB-RA-JK G174 18I**

Part No:  
**Q-3B03H0003018I**

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