

72 INCHES LENGTH



Connector A  
112160  
BNC Jack Straight  
Brass Nickel

50 Ohm RG-174  
Continuity/Hi-Pot

Connector B  
142252  
SMB Jack 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>           | 112160                        | <b>Part #:</b>      | RG-174            | <b>Part #:</b>           | 142252                            |
| <b>Description:</b>      | BNC JK RG174 RG316 LMR100 500 | <b>Description:</b> | RG-174 - PE 0.1   | <b>Description:</b>      | SMB R/A JK RG174 RG316 LMR100 500 |
| <b>Type:</b>             | BNC                           | <b>Dielectric:</b>  | PE                | <b>Type:</b>             | SMB                               |
| <b>Gender:</b>           | Jack                          | <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>      | 72 Inches         | <b>Mounting:</b>         | Cable                             |
| <b>Body Material:</b>    | Brass                         |                     |                   | <b>Body Material:</b>    | Brass                             |
| <b>Body Finish:</b>      | Nickel                        |                     |                   | <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>   | Silver                        |                     |                   | <b>Contact Finish:</b>   | Gold                              |
| <b>Max. Freq.:</b>       | 4 GHz                         |                     |                   | <b>Max. Freq.:</b>       | 4 GHz                             |
| <b>Booting:</b>          | BNC Jack Straight             |                     |                   | <b>Booting:</b>          | SMB Jack Right Angle              |
|                          |                               |                     |                   | <b>Clocking:</b>         | 0°                                |



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

Part No:  
**Q-030310003072i**

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