

18 INCHES LENGTH



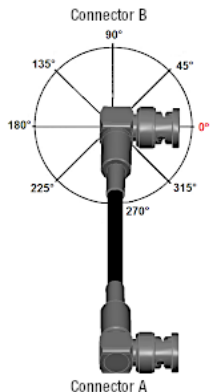
Connector A  
901-9872  
SMA Plug Right Angle  
Brass Gold + Heatshrink

50 Ohm RG-316  
Continuity/Hi-Pot

Connector B  
112178  
BNC Plug Right Angle  
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-316            | <b>Part #:</b>           | 112178                              |
| <b>Description:</b>      | SMA R/A PLUG RG174 500 | <b>Description:</b> | RG-316 - ST 0.102 | <b>Description:</b>      | BNC R/A PLUG RG174 RG316 LMR100 500 |
| <b>Type:</b>             | SMA                    | <b>Dielectric:</b>  | ST                | <b>Type:</b>             | BNC                                 |
| <b>Gender:</b>           | Plug                   | <b>Shielding:</b>   | Braid             | <b>Gender:</b>           | Plug                                |
| <b>Body Type:</b>        | Right Angle            | <b>Diameter:</b>    | 0.102             | <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>         | Cable                               |
| <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> | 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 Right Angle   |                     |                   | <b>Booting:</b>          | BNC Plug Right Angle                |
|                          |                        |                     |                   | <b>Clcking:</b>          | 0°                                  |



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Title:  
**SMA-RA-PL/BNC-RA-PL G316 18I**

Part No:  
**Q-3400D0005018I**

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