

0.5 METER LENGTH



Connector A  
132182  
SMA Plug Right Angle  
Brass Gold + Heatshrink

50 Ohm RG-316DB  
Continuity/Hi-Pot

Connector B  
172165  
N-Type Jack Straight  
Bulkhead - Rear Mount Brass White Bronze + 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> 132182<br><b>Description:</b> SMA R/A PLUG RG316DB 500<br><b>Type:</b> SMA<br><b>Gender:</b> Plug<br><b>Body Type:</b> Right Angle<br><b>Contact Type:</b> Solder<br><b>Polarity:</b> Standard<br><b>Impedance:</b> 50 Ohm<br><b>Mounting:</b> Cable<br><b>Body Material:</b> Brass<br><b>Body Finish:</b> Gold<br><b>IP Rating:</b> None<br><b>Contact Material:</b> Brass<br><b>Contact Finish:</b> Gold<br><b>Max. Freq.:</b> 12.4 GHz<br><b>Booting:</b> SMA Plug Right Angle | <b>Part #:</b> RG-316DS<br><b>Description:</b> RG-316DB - ST 0.102<br><b>Dielectric:</b> ST<br><b>Shielding:</b> Double Braid<br><b>Diameter:</b> 0.102<br><b>Impedance:</b> 50 Ohm<br><b>Sheathing:</b> None<br><b>Testing:</b> Continuity Hi-Pot<br><b>Length:</b> 0.5 Meter | <b>Part #:</b> 172165<br><b>Description:</b> N-Type BHD JK RG316 DB 500<br><b>Type:</b> N-Type<br><b>Gender:</b> Jack<br><b>Body Type:</b> Straight<br><b>Contact Type:</b> Crimp<br><b>Polarity:</b> Standard<br><b>Impedance:</b> 50 Ohm<br><b>Mounting:</b> Bulkhead - Rear Mount<br><b>Body Material:</b> Brass<br><b>Body Finish:</b> White Bronze<br><b>IP Rating:</b> None<br><b>Contact Material:</b> Brass<br><b>Contact Finish:</b> Gold<br><b>Max. Freq.:</b> 11 GHz<br><b>Booting:</b> N-Type Jack Straight BHD<br><b>Clocking:</b> 0° |



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Title:  
**SMA-RA-PL/N-ST-JK G316D 0.5M**

Part No:  
**Q-35021000R0.5M**

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

## RoHS 2015/863 Compliance Statement

According to the manufacture of all the component parts contained in this assembly, this product has been determined to be RoHS Compliant with RoHS Directive 2011/65/EU and as amended by Directive 2015/863, and without material exceptions (RoHS3 Compliant).

For the individual component RoHS certificates used in this assembly, please contact Amphenol Custom Cable.

The RoHS Compliance of any product so designated is based upon evidence from the producer (manufacturers') that the component parts comply with the RoHS Directive. Amphenol Custom Cable has taken all reasonable steps to confirm that the OEM (Manufacturer) of the components used in this assembly have provided evidence regarding the absence of the restricted substances to support the manufacturer's claim of compliance.

To the best of our knowledge and with due diligence, we certify that the product listed herein complies with the RoHS requirements.

**Date:** 9/30/2023

**Part Number:** Q-35021000R0.5M

**Manufacturer:** Amphenol Custom Cable

**Description:** SMA-RA-PL/N-ST-JK G316D 0.5M

***This information is valid as of the date indicated for the item (part number) listed.***

**Director of Quality Assurance**

*Janice Frank*