

3 INCHES 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
Part #: 132182 Description: SMA R/A PLUG RG316DB 500 Type: SMA Gender: Plug Body Type: Right Angle Contact Type: Solder Polarity: Standard Impedance: 50 Ohm Mounting: Cable Body Material: Brass Body Finish: Gold IP Rating: None Contact Material: Brass Contact Finish: Gold Max. Freq.: 12.4 GHz Booting: SMA Plug Right Angle	Part #: RG-316DS Description: RG-316DB - ST 0.102 Dielectric: ST Shielding: Double Braid Diameter: 0.102 Impedance: 50 Ohm Sheathing: None Testing: Continuity Hi-Pot Length: 3 Inches	Part #: 172165 Description: N-Type BHD JK RG316 DB 500 Type: N-Type Gender: Jack Body Type: Straight Contact Type: Crimp Polarity: Standard Impedance: 50 Ohm Mounting: Bulkhead - Rear Mount Body Material: Brass Body Finish: White Bronze IP Rating: None Contact Material: Brass Contact Finish: Gold Max. Freq.: 11 GHz Booting: N-Type Jack Straight BHD Clocking: 0°



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THIS DRAWING MAY CONTAIN PATENTED OR PROPRIETARY INFORMATION AND MUST NOT BE USED FOR ANY PURPOSE DETRIMENTAL TO CUSTOM CABLE INC. IT MAY NOT BE REPRODUCED OR TRANSCRIBED IN ANY FORM WITHOUT THE WRITTEN CONSENT OF CUSTOM CABLE INC. ACCEPTANCE OF THIS DRAWING ESTABLISHES AND AGREEMENT OF THE FOREGOING.

Title:
SMA-RA-PL/N-ST-JK G316D 3I

Part No:
Q-35021000R003I

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 Complaint).

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: 10/3/2023

Part Number: Q-35021000R003I

Manufacturer: Amphenol Custom Cable

Description: SMA-RA-PL/N-ST-JK G316D 3I

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

Director of Quality Assurance

Janice Frank