

12 INCHES LENGTH



Connector A
132178
SMA Plug Straight
Brass Gold + Heatshrink

50 Ohm RG-316DB
Continuity/Hi-Pot

Connector B
142176
SMB Plug 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 | |
|--------------------------|----------------------|---------------------|---------------------|--------------------------|--------------------------|
| Part #: | 132178 | Part #: | RG-316DS | Part #: | 142176 |
| Description: | SMA PLUG RG316DB 500 | Description: | RG-316DB - ST 0.102 | Description: | SMB R/A PLUG RG316DB 500 |
| Type: | SMA | Dielectric: | ST | Type: | SMB |
| Gender: | Plug | Shielding: | Double Braid | Gender: | Plug |
| Body Type: | Straight | Diameter: | 0.102 | Body Type: | Right Angle |
| Contact Type: | Solder | Impedance: | 50 Ohm | Contact Type: | Solder |
| Polarity: | Standard | Sheathing: | None | Polarity: | Standard |
| Impedance: | 50 Ohm | Testing: | Continuity Hi-Pot | Impedance: | 50 Ohm |
| Mounting: | Cable | Length: | 12 Inches | Mounting: | Cable |
| Body Material: | Brass | | | Body Material: | Brass |
| Body Finish: | Gold | | | Body Finish: | Gold |
| IP Rating: | None | | | IP Rating: | None |
| Contact Material: | Beryllium Copper | | | Contact Material: | Beryllium Copper |
| Contact Finish: | Gold | | | Contact Finish: | Gold |
| Max. Freq.: | 12.4 GHz | | | Max. Freq.: | 4 GHz |
| Booting: | SMA Plug Straight | | | Booting: | SMB Plug Right Angle |
| | | | | Clacking: | 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-ST-PL/SMB-RA-PL G316D 12I

Part No:
Q-3C03T000R012I

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: 10/2/2023

Part Number: Q-3C03T000R012I

Manufacturer: Amphenol Custom Cable

Description: SMA-ST-PL/SMB-RA-PL G316D 12I

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

Director of Quality Assurance

Janice Frank