## 3 METERS LENGTH





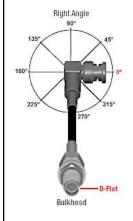
Connector A 132182 SMA Plug Right Angle Brass Gold + Heatshrink 50 Ohm RG-316DB Continuity/Hi-Pot Connector B 903-505J-51S SMB Jack Straight Bulkhead - Rear Mount Brass Gold + Heatshrink

Connector B

## **Assembly & Label Notes**

Connector A

Assembly label to be placed  $\sim$  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.



30010.71						
Part #:	132182	Part #:	RG-316DS	Part #:	903-505J-51S	
Description:	SMA R/A PLUG RG316DB 50O	Description:	RG-316DB - ST 0.102	Description:	SMB BHD JK RG174 RG188 RG316 50O	
Type:	SMA	Dielectric:	ST	Type:	SMB	
Gender:	Plug	Shielding:	Double Braid	Gender:	Jack	
Body Type:	Right Angle	Diameter:	0.102	Body Type:	Straight	
Contact Type:	Solder	Impedance:	50 Ohm	Contact Type:	Crimp	
Polarity:	Standard	Sheathing:	None	Polarity:	Standard	
Impedance:	50 Ohm	Testing:	Continuity Hi-Pot	Impedance:	50 Ohm	
Mounting:	Cable	Length:	3 Meters	Mounting:	Bulkhead - Rear Mount	
Body Material:	Brass			Body Material:	Brass	
Body Finish:	Gold			Body Finish:	Gold	
IP Rating:	None			IP Rating:	None	
Contact Material:	Brass			Contact Material:	Brass	
Contact Finish:	Gold			Contact Finish:	Gold	
Max. Freq.:	12.4 GHz			Max. Freq.:	4 GHz	
Booting:	SMA Plug Right Angle			Booting:	SMB Jack Straight BHD	
	· · · · · · · · · · · · · · · · · · ·			Clocking:	0°	

Cable



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SMA-RA-PL/SMB-ST-JK G316D 3M

Part No

Q-3503O000R003M

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:** 10/1/2023

**Part Number:** Q-3503O000R003M

Manufacturer: Amphenol Custom Cable

**Description:** SMA-RA-PL/SMB-ST-JK G316D 3M

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

**Director of Quality Assurance** 

