

1 METER LENGTH



Connector A
132178
SMA Plug Straight
Brass Gold + Heatshrink

50 Ohm RG-316DB
Continuity/Hi-Pot

Connector B
903-505J-51S
SMB Jack Straight
Bulkhead - Rear Mount 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 #:	903-505J-51S
Description:	SMA PLUG RG316DB 500	Description:	RG-316DB - ST 0.102	Description:	SMB BHD JK RG174 RG188 RG316 500
Type:	SMA	Dielectric:	ST	Type:	SMB
Gender:	Plug	Shielding:	Double Braid	Gender:	Jack
Body Type:	Straight	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:	1 Meter	Mounting:	Bulkhead - Rear Mount
Body Material:	Brass			Body Material:	Brass
Body Finish:	Gold			Body Finish:	Gold
IP Rating:	None			IP Rating:	None
Contact Material:	Beryllium Copper			Contact Material:	Brass
Contact Finish:	Gold			Contact Finish:	Gold
Max. Freq.:	12.4 GHz			Max. Freq.:	4 GHz
Booting:	SMA Plug Straight			Booting:	SMB Jack Straight BHD
				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-ST-JK G316D 1M

Part No:
Q-3C03O000R001M

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-3C03O000R001M

Manufacturer: Amphenol Custom Cable

Description: SMA-ST-PL/SMB-ST-JK G316D 1M

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

Director of Quality Assurance

Janice Frank