

1 METER LENGTH



Connector A
132245
SMA Jack Right Angle
Bulkhead - Rear Mount Brass Gold + Heatshrink

50 Ohm RG-316
Continuity/Hi-Pot

Connector B
142186
SMB Plug Straight
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 #:	132245	Part #:	RG-316	Part #:	142186
Description:	SMA R/A BHD JK RG174 RG316 LMR100	Description:	RG-316 - ST 0.102	Description:	SMB PLUG RG174 RG188 RG316 500
	500	Dielectric:	ST	Type:	SMB
Type:	SMA	Shielding:	Braid	Gender:	Plug
Gender:	Jack	Diameter:	0.102	Body Type:	Straight
Body Type:	Right Angle	Impedance:	50 Ohm	Contact Type:	Solder
Contact Type:	Solder	Sheathing:	None	Polarity:	Standard
Polarity:	Standard	Testing:	Continuity Hi-Pot	Impedance:	50 Ohm
Impedance:	50 Ohm	Length:	1 Meter	Mounting:	Cable
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:	Beryllium Copper			Contact Finish:	Gold
Contact Finish:	Gold			Max. Freq.:	4 GHz
Max. Freq.:	12.4 GHz			Booting:	SMB Plug Straight
Booting:	SMA Jack Right Angle			Clacking:	0°



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Title:
SMA-RA-JK/SMB-ST-PL G316 1M

Part No:
Q-2P03W0005001M

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-2P03W0005001M

Manufacturer: Amphenol Custom Cable

Description: SMA-RA-JK/SMB-ST-PL G316 1M

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

Director of Quality Assurance

Janice Frank