

48 INCHES LENGTH



Connector A
132191
SMA Jack Straight
Bulkhead - Rear Mount Brass Gold + Heatshrink

50 Ohm RG-142
Continuity/Hi-Pot

Connector B
142220
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 #:	132191	Part #:	RG-142	Part #:	142220
Description:	SMA BHD JK RG55 RG142 RG223 500	Description:	RG-142 - ST 0.195	Description:	SMB PLUG RG55 RG142 RG223 500
Type:	SMA	Dielectric:	ST	Type:	SMB
Gender:	Jack	Shielding:	Braid	Gender:	Plug
Body Type:	Straight	Diameter:	0.195	Body Type:	Straight
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:	Bulkhead - Rear Mount	Length:	48 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 Jack Straight BHD			Booting:	SMB Plug Straight
				Clacking:	0°



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Title:
SMA-ST-JK/SMB-ST-PL G142 48I

Part No:
Q-3103Y000H048I

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: 9/30/2023

Part Number: Q-3103Y000H048I

Manufacturer: Amphenol Custom Cable

Description: SMA-ST-JK/SMB-ST-PL G142 48I

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

Director of Quality Assurance

Janice Frank