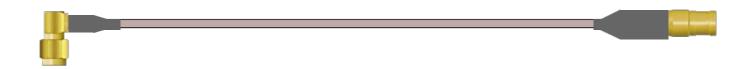
## 6 INCHES LENGTH



Connector A 901-9874 SMA Plug Right Angle 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 #:	901-9874		Part #:	RG-142	Part #:	142220		
Description:	SMA R/A PLUG	SMA R/A PLUG RG223 500		RG-142 - ST 0.195	Description:	SMB PLUG RG55 RG142 RG223 500		
Туре:	SMA		Dielectric:	ST	Туре:	SMB		
Gender:	Plug		Shielding:	Braid	Gender:	Plug		
Body Type:	Right Angle		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:	Cable		Length:	6 Inches	Mounting:	Cable		
Body Material:	Brass		, j.		Body Material:	Brass		
Body Finish:	Gold				Body Finish:	Gold		
IP Rating:	None				IP Rating:	None		
Contact Materia					Contact Material:	Beryllium Copper		
Contact Finish:	Gold				Contact Finish:	Gold		
Max. Freq.:	12.4 GHz				Max. Freq.:	4 GHz		
Booting:	SMA Plug Right	Angle			Booting:	SMB Plug Straight		
		angio			Clocking:	0°	0 0	
THIS DRAWING MAY CONT			Title:	ст DI (С142 (I		UNLESS SPECIFIED		
		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		BLE ED	SMA-RA-PL/SMB-ST-PL G142 6I		TOLERANCE: 0-18 inches +/- 1/2" over 18" +/- 2% ASSEMBLY:	
CONTROLLED DOCUMENT - DO NOT COPY		CUSTOM CABLE INC. ACCEPTANCE OF THIS DRAWING ESTABLISHES AND AGREEMENT OF THE FOREGOING.		ING Part No:			CENTER LABEL IF LENGT 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: 9/30/2023

Part Number: Q-3803Y000H006I

Manufacturer: Amphenol Custom Cable

Description: SMA-RA-PL/SMB-ST-PL G142 6I

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

**Director of Quality Assurance** 

Janice Frank