## 84 INCHES LENGTH





Connector A 901-9872 SMA Plug Right Angle Brass Gold + Heatshrink 50 Ohm RG-316 Continuity/Hi-Pot

122454 TNC Jack Right Angle Bulkhead - Rear Mount Brass Nickel + Heatshrink

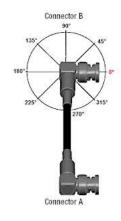
Connector B

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.



Part #:	901-9872	Part #:	RG-316	Part #:	122454
Description:	SMA R/A PLUG RG174 500	Description:	RG-316 - ST 0.102	Description:	TNC R/A BHD JK RG174 RG316 LMR100
Type:	SMA	Dielectric:	ST		50O
Gender:	Plug	Shielding:	Braid	Type:	TNC
Body Type:	Right Angle	Diameter:	0.102	Gender:	Jack
Contact Type:	Solder	Impedance:	50 Ohm	Body Type:	Right Angle
Polarity:	Standard	Sheathing:	None	Contact Type:	Solder
Impedance:	50 Ohm	Testing:	Continuity Hi-Pot	Polarity:	Standard
Mounting:	Cable	Length:	84 Inches	Impedance:	50 Ohm
Body Material:	Brass			Mounting:	Bulkhead - Rear Mount
Body Finish:	Gold			Body Material:	Brass
IP Rating:	None			Body Finish:	Nickel
Contact Material:	Brass			IP Rating:	None
Contact Finish:	Gold			Contact Material:	Phosphor Bronze
Max. Freq.:	12.4 GHz			Contact Finish:	Gold
Booting:	SMA Plug Right Angle			Max. Freq.:	11 GHz
				Booting:	TNC Jack Right Angle
				Clocking:	0°

Cable



**CONTROLLED DOCUMENT - DO NOT COPY** 

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ille: SMA DA DI /TNC I

SMA-RA-PL/TNC-RA-JK G316 84I

Part No:

Q-340480005084I

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:** 10/3/2023

Part Number: Q-3404800050841

Manufacturer: Amphenol Custom Cable

Description: SMA-RA-PL/TNC-RA-JK G316 84I

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

**Director of Quality Assurance** 

