## 24 INCHES LENGTH



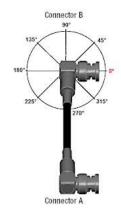


Connector A 901-9872 SMA Plug Right Angle Brass Gold + Heatshrink 50 Ohm RG-316 Continuity/Hi-Pot

Connector B 112178 BNC Plug Right Angle Brass Nickel + Heatshrink

## **Assembly & Label Notes**

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.



Connector A		Cable			Connector B	
Part #:	901-9872	Part #:	RG-316	Part #:	112178	
Description:	SMA R/A PLUG RG174 500	Description:	RG-316 - ST 0.102	Description:	BNC R/A PLUG RG174 RG316 LMR100 500	
Type:	SMA	Dielectric:	ST	Type:	BNC	
Gender:	Plug	Shielding:	Braid	Gender:	Plug	
Body Type:	Right Angle	Diameter:	0.102	Body Type:	Right Angle	
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:	24 Inches	Mounting:	Cable	
Body Material:	Brass			Body Material:	Brass	
Body Finish:	Gold			Body Finish:	Nickel	
IP Rating:	None			IP Rating:	None	
Contact Material:	Brass			Contact Material:	Brass	
Contact Finish:	Gold			Contact Finish:	Gold	
Max. Freq.:	12.4 GHz			Max. Freq.:	4 GHz	
Booting:	SMA Plug Right Angle			Booting:	BNC Plug Right Angle	
<del>-</del>				Clocking:	0°	



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.

SMA-RA-PL/BNC-RA-PL G316 24I

Q-3400D0005024I

UNLESS SPECIFIED TOLERANCE:

0-18 inches +/- 1/2" over 18" +/- 2% ASSEMBLY: CENTER LABEL IF LENGTH IS LESS THAN 12 INCHES

CONTROLLED DOCUMENT - DO NOT COPY



## **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:** 10/1/2023

Part Number: Q-3400D00050241

Manufacturer: Amphenol Custom Cable

Description: SMA-RA-PL/BNC-RA-PL G316 24I

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

**Director of Quality Assurance** 

