

84 INCHES LENGTH



Connector A
132117
SMA Jack Straight
Brass Gold + Heatshrink

50 Ohm RG-316
Continuity/Hi-Pot

Connector B
172180
N-Type Plug Right Angle
Brass White Bronze + 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 #:	132117	Part #:	RG-316	Part #:	172180
Description:	SMA JK RG174 RG316 LMR100 50O	Description:	RG-316 - ST 0.102	Description:	N-Type R/A PLUG RG174 RG316 LMR100 50O
Type:	SMA	Dielectric:	ST	Type:	N-Type
Gender:	Jack	Shielding:	Braid	Gender:	Plug
Body Type:	Straight	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:	84 Inches	Mounting:	Cable
Body Material:	Brass			Body Material:	Brass
Body Finish:	Gold			Body Finish:	White Bronze
IP Rating:	None			IP Rating:	None
Contact Material:	Beryllium Copper			Contact Material:	Brass
Contact Finish:	Gold			Contact Finish:	Gold
Max. Freq.:	12.4 GHz			Max. Freq.:	11 GHz
Booting:	SMA Jack Straight			Booting:	N-Type Plug Right Angle
				Clocking:	0°



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Title:
SMA-ST-JK/N-RA-PL G316 84I

Part No:
Q-2V02C0005084I

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: 10/1/2023

Part Number: Q-2V02C0005084I

Manufacturer: Amphenol Custom Cable

Description: SMA-ST-JK/N-RA-PL G316 84I

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

Director of Quality Assurance

