

48 INCHES LENGTH



Connector A
132178
SMA Plug Straight
Brass Gold + Heatshrink

50 Ohm RG-316DB
Continuity/Hi-Pot

Connector B
172245
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 #:	132178	Part #:	RG-316DS	Part #:	172245
Description:	SMA PLUG RG316DB 500	Description:	RG-316DB - ST 0.102	Description:	N-Type R/A PLUG RG316DB 500
Type:	SMA	Dielectric:	ST	Type:	N-Type
Gender:	Plug	Shielding:	Double 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:	48 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 Plug Straight			Booting:	N-Type Plug Right Angle
				Clacking:	0°



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Title:
SMA-ST-PL/N-RA-PL G316D 48I

Part No:
Q-3C02D000R048I

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-3C02D000R048I

Manufacturer: Amphenol Custom Cable

Description: SMA-ST-PL/N-RA-PL G316D 48I

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

Director of Quality Assurance

Janice Frank