

3 INCHES LENGTH



Connector A
901-9872
SMA Plug Right Angle
Brass Gold + Heatshrink

50 Ohm RG-316
Continuity/Hi-Pot

Connector B
132117RP
SMA Jack 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 #: | 901-9872 | Part #: | RG-316 | Part #: | 132117RP |
| Description: | SMA R/A PLUG RG174 500 | Description: | RG-316 - ST 0.102 | Description: | SMA JACK RP RG316 500 |
| Type: | SMA | Dielectric: | ST | Type: | SMA |
| Gender: | Plug | Shielding: | Braid | Gender: | Jack |
| Body Type: | Right Angle | Diameter: | 0.102 | Body Type: | Straight |
| Contact Type: | Solder | Impedance: | 50 Ohm | Contact Type: | Crimp |
| Polarity: | Standard | Sheathing: | None | Polarity: | Reverse |
| Impedance: | 50 Ohm | Testing: | Continuity Hi-Pot | Impedance: | 50 Ohm |
| Mounting: | Cable | Length: | 3 Inches | Mounting: | Cable |
| Body Material: | Brass | | | Body Material: | Brass |
| Body Finish: | Gold | | | Body Finish: | Gold |
| 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.: | 12.4 GHz |
| Booting: | SMA Plug Right Angle | | | Booting: | SMA Jack Straight RP |
| | | | | Clocking: | 0° |



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Title:
SMA-RA-PL/SMA-ST-JK-RP G316 3I

Part No:
Q-340710005003I

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: 10/2/2023

Part Number: Q-340710005003I

Manufacturer: Amphenol Custom Cable

Description: SMA-RA-PL/SMA-ST-JK-RP G316 3I

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

Director of Quality Assurance

Janice Frank