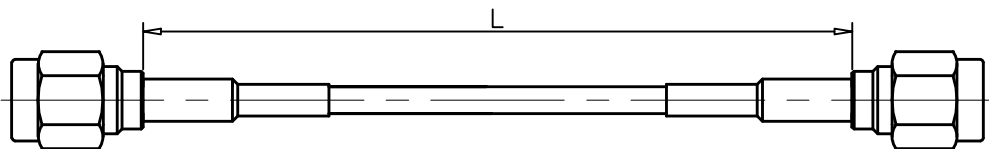


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RevNo	Revision note			Date	Signature	Checked	
00	Sketch Only			7/2/14	Teresa	Simon	



Interface of SMA connector Per: MIL-STD-348, IEC 60169-15
 Material & Finishing:

SMA:

- Center condutor: Brass Copper, Gold Plating
- Insulators: PTFE
- Spring Washer: Beryllium Copper
- Body : Brass, Gold Plating
- Coumping Nut: Brass, Gold
- Crimp Ferrule: Brass. Nickel

Cable:

- Center Conductor: Silver Plated Copper Clad Steel
- Insulator: PTFE
- Outer Conductor: Silver Plated Copper Braid
- Jacket: FEP

Heat Shrink Tube: Polyolefine

Electrical Data:

- Impedance: 50 Ohms
- Frequency Range: DC to 3.0 GHz
- Insulation Resistance: 1000 Megohms
- Dielectric Withstanding Voltage: 750 V Min.
- VSWR: ≤ 1.3
- Insertion Loss: $\leq 1.6\text{dB/M} + 0.2\text{dB}$

ALL DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

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UNLESS OTHERWISE NOTED ALL SURFACES FINISHED TO 64/MAX.
 ALL TOLERANCES ARE:
 DECIMALS FRACTIONS ANGLES
 $x \pm 1.0$ $\pm 1/64$ $x' \pm 1'$
 $x.x \pm 0.5$ $x'x' \pm 0.5$
 $x.xx \pm 0.1$

Title

SMA male to RPSMA female
 crimp with RG316 cable

Drawn by
 Teresa

Ckd by
 Simon

Appd by
 Richard

Date
 7/2/2014

Scale
 1.5:1

Sheet 1 of 1

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