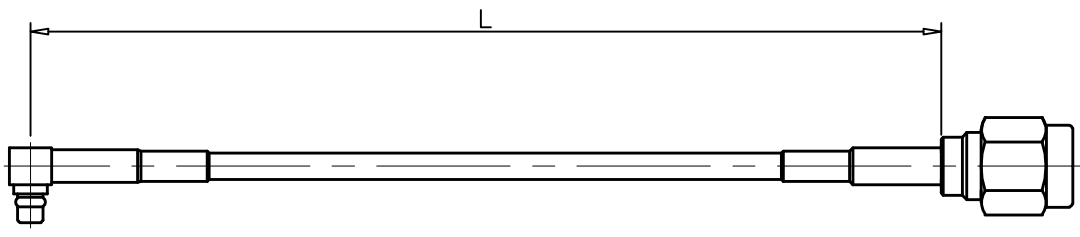


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RevNo	Revision note	Date	Signature	Checked
00	Sketch Only	6/12/14	Teresa	Simon



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

SMA:

1. Center conductor: Brass Copper, Gold Plating
2. Insulators: PTFE
3. Spring Washer: Beryllium Copper
4. Body : Brass, Gold Plating
5. Coumping Nut: Brass, Gold
6. Crimp Ferrule: Brass. Nickel

MMCX:

1. Center conductor: Brass ,Gold Plating
2. Insulators: PTFE
3. Body: Brass, Gold Plating
4. C-Ring: Phosphor Bronze, Gold Plating

Cable:

1. Center Conductor: Silver Plated Copper Clad Steel
2. Insulator: PTFE
3. Outer Conductor: Silver Plated Copper Braid
4. Jacket: FEP

Heat Shrink Tube: Polyolefine

Electrical Data:

1. Impedance: 50 Ohms
2. Frequency Range: DC to 3.0 GHz
3. Insulation Resistance: 1000 Megohms
4. Dielectric Withstanding Voltage: 750 V Min.
5. VSWR: ≤1.3
6. Insertion Loss: ≤1.6dB/M+0.2dB

RoHS Compliant.

ALL DIMENSIONS ARE IN MILLIMETERS AND [INCHES]

Title SMA male to MMCX male 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	C101081 15 11 01	

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