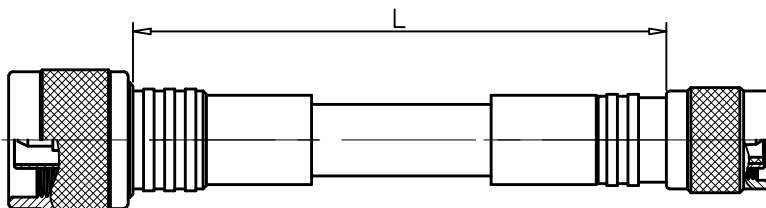


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RevNo	Revision note			Date	Signature	Checked	
00	Sketch Only			7/8/14	Teresa	Simon	



Interface of N connector Per: MIL-C-39012, IEC 60169-16
Interface of TNC connector Per: MIL-C-39012, IEC 60169-17
Material & Finishing:

N:

- Center condutor: Brass, Gold Plating
- Insulators: PTFE
- Gasket: Silicone Rubber
- Body : Brass, Nickel Plating
- Coupling Nut: Brass, Nickel Plating
- Snap Ring: Phosphor Bronze

TNC:

- Center condutor: Brass, Gold Plating
- Insulators: PTFE
- Gasket: Silicone Rubber
- Body : Brass, Nickel Plating
- Coupling Nut: Brass, Nickel Plating
- Snap Ring: Phosphor Bronze

Cable:

- Center Conductor: Solid Copper or Coppere Clad Aluminium
 - Insulator: Physical Foam Polyethylence
 - Outer Conductor: Bonded Aluminum Foil+Tinned Copper Braid
 - Jacket: Black PVC or Polyethylene
- Heat Shrink Tube: Polyolefine

Electrical Data:

- Impedance: 50 Ohms
- Frequency Range: DC to 3.0 GHz
- Insulation Resistance: 1000 Megohms
- Dielectric Withstanding Voltage: 1000 V Min.
- VSWR: ≤ 1.2
- Insertion Loss: $\leq 0.3\text{dB}/\text{M} + 0.2\text{dB}$

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
 $x \pm 1.0$ $\pm 1/64$ $x' \pm 1^\circ$
 $x.x \pm 0.5$ $x'x' \pm 0.5$
 $x.xx \pm 0.1$

Title

N male to TNC male
crimp with LMR400 cable

Drawn by
Teresa

Ckd by
Simon

Appd by
Richard

Date
7/8/2014

Scale
1.5:1

Sheet 1 of 1

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