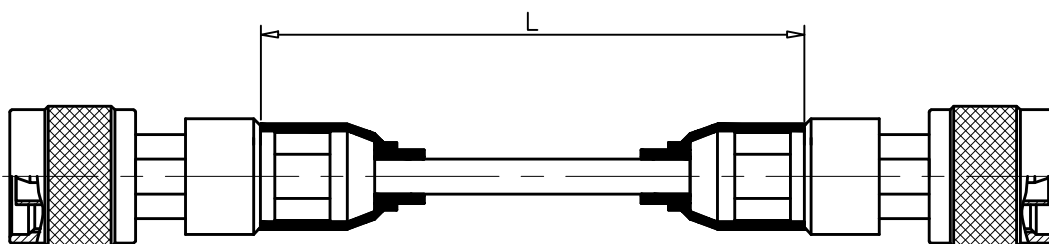


1		2		3		4	
RevNo	Revision note			Date	Signature	Checked	
00	Sketch Only			7/14/14	Teresa	Simon	



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

N:

1. Center condutor: Brass, Gold Plating
2. Insulators: PTFE
3. Body & Other Metal: Brass, Nickel Plating
4. Gasket: Silicone Ribber

Cable:

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

Heat Shrink Tube: Polyolefine

Electrical Data:

1. Impedance: 50 Ohms
2. Frequency Range: DC to 6.0 GHz
3. Insulation Resistance: 1000 Megohms
4. Dielectric Withstanding Voltage: 1000 V Min.
5. VSWR: ≤ 1.25
6. Insertion Loss: $\leq 1.2\text{dB}/\text{M} + 0.2\text{dB}$

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°
x.x \pm 0.5 x'x' \pm 0.5°
x.xx \pm 0.1

Title

N male to male clamp with RG142 cable

Drawn by
Teresa

Ckd by
Simon

Appd by
Richard

Date
7/14/2014

Scale
1:1

Sheet 1 of 1

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