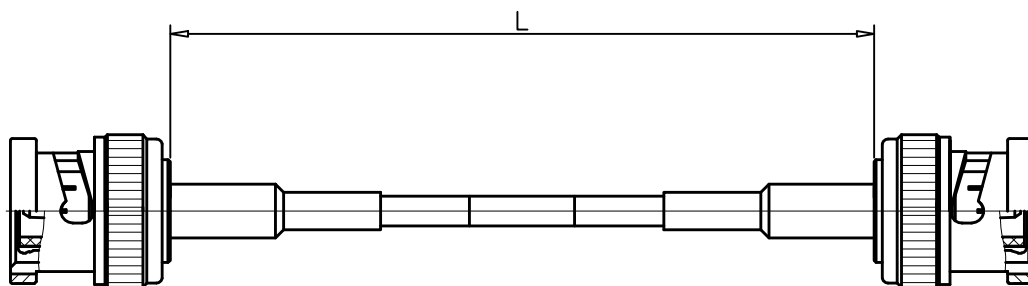


| 1 | | 2 | | 3 | | 4 | |
|-------|---------------|---|--|--------|-----------|---------|--|
| RevNo | Revision note | | | Date | Signature | Checked | |
| 00 | Sketch Only | | | 7/3/14 | Teresa | Simon | |



Interface of BNC connector Per: MIL-STD-348, IEC 60169-8
Material & Finishing:

1. Center condutor: Brass, Gold Plating
2. Insulators: PTFE
3. Spring Washer: Beryllium Copper
4. Gasket: Silicone Rubber
5. Body & Other Metal: Brass, Nickel Plating

Cable:

1. Center Conductor: Solid Copper
 2. Insulator: Physical Foam Polyethylene
 3. Outer Conductor: Bonded Aluminum Foil+Tinned Copper Braid
 4. Jacket: Black PVC or Polyethylene
- 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: ≤ 1.2
6. Insertion Loss: $\leq 1.5\text{dB/M} + 0.2\text{dB}$

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

BNC male to male
crimp with LMR195 cable

Drawn by
Teresa

Ckd by
Simon

Appd by
Richard

Date
7/3/2014

Scale
1.5:1

Sheet 1 of 1

C601601 15 11 01