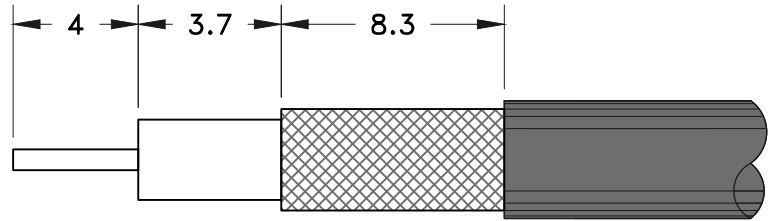


**ELECTRICAL DATA:**

IMPEDANCE: 50 OHM  
 FREQUENCY RANGE: DC TO 11 GHz  
 RETURN LOSS: ≥30dB, DC-2.5GHz  
 ≥28dB, 2.5-4GHz  
 ≥20dB, 4-8GHz  
 INSERTION LOSS: ≤0.15dB, DC-4GHz  
 INSULATION RESISTANCE: ≥5000MΩ  
 TEST VOLTAGE: 2500 V rms  
 WORKING VOLTAGE: 1400 V rms  
 CONTACT RESISTANCE:

- 1). CENTRE CONTACT: 1.0 mΩ
- 2). OUTER CONDUCTOR: 0.25 mΩ

POWER HANDLING (AT 20 °C, SEA LEVEL, VSWR 1.0):  
 1000 W @ 1 GHz, 700 W @ 2 GHz  
 RF-LEAKAGE: ≥128 dB UP TO 1 GHz



**LMR400**

**ENVIRONMENTAL DATA:**

TEMPERATURE RATING: -55°C TO +155°C  
 2002/95/EC (ROHS): COMPLIANT

**MECHANICAL DATA:**

MATING CYCLES: ≥500  
 CENTER CONTACT CAPTIVATION: ≥28 N (AXIAL)  
 COUPLING NUT RETENTION : ≥450 N  
 COUPLING TEST TORQUE: ≤1.7 Nm  
 RECOMMENDED TORQUE: 0.70 Nm TO 1.10 Nm

**SUITABLE CABLES: LMR400**

**NOTES:**

1. ALL UNITS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.



|      |     |                |                             |
|------|-----|----------------|-----------------------------|
| 6    | 1   | O RING         | SILICONE RUBBER             |
| 5    | 1   | WASHER         | PHOSPHOR BRONZE/SUCOPLATED  |
| 4    | 1   | NUT            | BRASS/SUCOPLATED            |
| 3    | 1   | BODY           | BRASS/SUCOPLATED            |
| 2    | 1   | INSULATOR      | PTFE                        |
| 1    | 1   | CENTER CONTACT | PHOSPHOR BRONZE/GOLD PLATED |
| ITEM | QTY | MATERIAL P/N   | DESCRIPTION                 |

|  |             |              |
|--|-------------|--------------|
| <b>PART NO:</b> 11031141   |             |              |
| <b>DESCRIPTION:</b><br>N TYPE FEMALE BH CONNECTOR  |             |              |
| <b>REVISION</b>  | <b>SIZE</b> | <b>SHEET</b> |
| 1.0  | A           | NO. 1 OF 1   |
| THIS INFORMATION IS CONFIDENTIAL AND DISCLOSED TO YOU ON CONDITION THAT NO FURTHER DISCLOSURE IS MADE WITHOUT AUTHORIZATION FROM MRO |             |              |

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|         |                 |     |          |
|---------|-----------------|-----|----------|
| 1.0     | INITIAL RELEASE | AR  | 01-23-18 |
| REV NO. | DESCRIPTION     | DRN | DATE     |