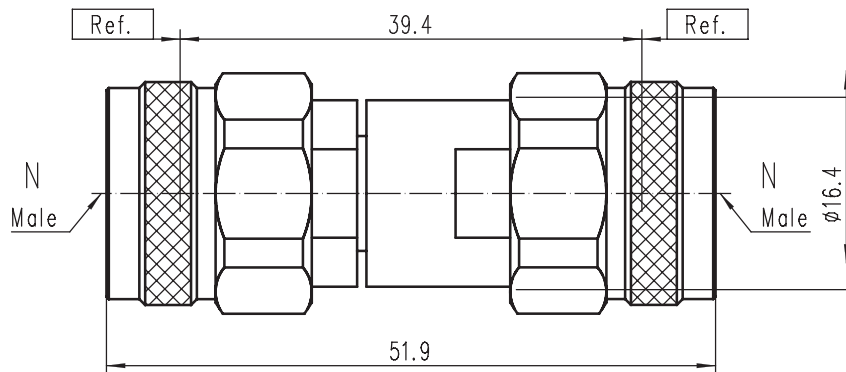


# ADAPTOR N Male - N Male

## N-JJG



Code: 100001

### Electrical data

|                           |                                            |
|---------------------------|--------------------------------------------|
| Impedance                 | 50 $\Omega$                                |
| Frequency                 | DC to 18GHz                                |
| VSWR                      | $\leq 1.15$ , DC to 18 GHz                 |
| Insertion loss            | $\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB |
| Insulation resistance     | $\geq 5 \text{ G}\Omega$                   |
| Center contact resistance | $\leq 1.0 \text{ m}\Omega$                 |
| Outer contact resistance  | $\leq 1.0 \text{ m}\Omega$                 |
| Test voltage              | 2500 V rms                                 |
| Working voltage           | 1000 V rms                                 |
| RF-leakage                | $\geq 90 \text{ dB}$ up to 1 GHz           |

### Mechanical data

|                            |                     |
|----------------------------|---------------------|
| Mating cycles              | $\geq 500$          |
| Center contact captivation | $\geq 28 \text{ N}$ |
| Coupling test torque       | 1.70 Nm             |
| Recommended torque         | 0.70 Nm to 1.10 Nm  |

### Material and plating

#### Connector parts

Center contact  
Outer contact  
Coupling nut  
Dielectric

#### Material

Beryllium copper  
Stainless steel  
Stainless steel  
PEI

#### Plating

Gold, over chemical nickel  
Passivated  
Passivated

### Environmental data

|                     |                               |
|---------------------|-------------------------------|
| Temperature range   | -60°C to +165°C               |
| Thermal shock       | IEC 61169-1, Subclause 9.4.4  |
| Corrosion           | IEC 61169-1, Subclause 9.4.6  |
| Vibration           | IEC 61169-1, Subclause 9.3.3  |
| Shock               | IEC 61169-1, Subclause 9.3.14 |
| Moisture resistance | IEC 61169-1, Subclause 9.4.3  |
| 2002/95/EC (RoHS)   | compliant                     |

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