Type N Female to UHF Male Adapter

Product Classification
Product Type: Adapter

General Specifications
Interface: N Female
Interface 2: UHF Male
Body Style: Straight
Mounting Angle: Straight

Electrical Specifications
Connector Impedance: 50 ohm
Operating Frequency Band: 0 – 6000 MHz
Average Power at Frequency: 300.0 W @ 900 MHz
dc Test Voltage: 2000 V
Outer Contact Resistance, maximum: 5.00 mOhm
Inner Contact Resistance, maximum: 5.00 mOhm
Insulation Resistance, minimum: 5000 MOhm
Outline Drawing

Mechanical Specifications

Inner Contact Plating
Gold | Silver

Insertion Force
28.00 N | 6.29 lbf

Insertion Force Method
IEC 61169-16:9.3.5

Interface Durability
500 cycles

Interface Durability Method
IEC 61169-12:9.5

Outer Contact Plating
Nickel

Pressurizable
No

Dimensions

Diameter
19.05 mm | 0.75 in

Length
38.10 mm | 1.50 in

Weight
54.00 g | 0.12 lb

Width
19.05 mm | 0.75 in

Environmental Specifications

Operating Temperature
-55 °C to +85 °C (-67 °F to +185 °F)

Storage Temperature
-65 °C to +125 °C (-85 °F to +257 °F)
**Mechanical Shock Test Method**  
IEC 60068-2-27

**Climatic Sequence Test Method**  
IEC 60068-1

**Damp Heat Steady State Test Method**  
IEC 60068-2-3

**Thermal Shock Test Method**  
IEC 60068-2-14

**Vibration Test Method**  
IEC 60068-2-6

**Corrosion Test Method**  
IEC 60068-2-11

### Standard Conditions

<table>
<thead>
<tr>
<th>Test</th>
<th>Temperature 1</th>
<th>Temperature 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attenuation, Ambient Temperature</td>
<td>20 °C</td>
<td>68 °F</td>
</tr>
<tr>
<td>Average Power, Ambient Temperature</td>
<td>40 °C</td>
<td>104 °F</td>
</tr>
<tr>
<td>Average Power, Inner Conductor Temperature</td>
<td>100 °C</td>
<td>212 °F</td>
</tr>
</tbody>
</table>

### Regulatory Compliance/Certifications

**Agency**  
- RoHS 2011/65/EU  
- ISO 9001:2015  
- China RoHS SJ/T 11364-2014

**Classification**  
- Compliant by Exemption  
- Designed, manufactured and/or distributed under this quality management system  
- Above Maximum Concentration Value (MCV)