Type N Female to UHF Male Adapter

Product Classification

Product Type
Adapter

General Specifications

Body Style
Straight

Inner Contact Plating
Gold | Silver

Interface
N Female

Interface 2
UHF Male

Mounting Angle
Straight

Outer Contact Plating
Nickel

Pressurizable
No

Dimensions

Width
19.05 mm | 0.75 in

Length
38.1 mm | 1.5 in

Diameter
19.05 mm | 0.75 in

Outline Drawing
Electrical Specifications

**Average Power at Frequency**  
300.0 W @ 900 MHz

**Connector Impedance**  
50 ohm

**dc Test Voltage**  
2000 V

**Inner Contact Resistance, maximum**  
5 mOhm

**Insulation Resistance, minimum**  
5000 MOhm

**Operating Frequency Band**  
0 – 6000 MHz

**Outer Contact Resistance, maximum**  
5 mOhm

Mechanical Specifications

**Insertion Force**  
28 N | 6.295 lbf

**Insertion Force Method**  
IEC 61169-16:9.3.5

**Interface Durability**  
500 cycles

**Interface Durability Method**  
IEC 61169-12:9.5

**Mechanical Shock Test Method**  
IEC 60068-2-27

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)
<table>
<thead>
<tr>
<th>Specification</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attenuation, Ambient Temperature</td>
<td>20 °C</td>
</tr>
<tr>
<td>Average Power, Ambient Temperature</td>
<td>40 °C</td>
</tr>
<tr>
<td>Average Power, Inner Conductor Temperature</td>
<td>100 °C</td>
</tr>
<tr>
<td>Climatic Sequence Test Method</td>
<td>IEC 60068-1</td>
</tr>
<tr>
<td>Corrosion Test Method</td>
<td>IEC 60068-2-11</td>
</tr>
<tr>
<td>Damp Heat Steady State Test Method</td>
<td>IEC 60068-2-3</td>
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<tr>
<td>Thermal Shock Test Method</td>
<td>IEC 60068-2-14</td>
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<tr>
<td>Vibration Test Method</td>
<td>IEC 60068-2-6</td>
</tr>
</tbody>
</table>

Packaging and Weights

| Weight, net | 54 g | 0.119 lb |

Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
</tr>
<tr>
<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
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<tr>
<td>ROHS</td>
<td>Compliant</td>
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