AT-10-UW-N-MFI6

10 dB Low PIM Attenuator 555–6000 NM-NF

Product Classification

Regional Availability
- Asia
- Australia/New Zealand
- EMEA
- Latin America
- North America

Product Type
- Attenuator

General Specifications

Device Type
- Attenuator

Application
- Indoor/Outdoor

Color
- Silver

Inner Contact Plating
- Silver

Interface
- N Male

Interface 2
- N Female

Outer Contact Plating
- Trimetal

Dimensions

Height
- 89 mm | 3.504 in

Width
- 130 mm | 5.118 in

Length
- 247 mm | 9.724 in

Electrical Specifications

3rd Order IMD
- -163 dBC

3rd Order IMD Test Method
- Two +43 dBm carriers

Attenuation
- 10 dB

Attenuation Tolerance
- ±1.2 dB

Average Power, maximum
- 100 W

Impedance
- 50 ohm

Operating Frequency Band
- 555 – 6000 MHz

VSWR at Frequency Band
- 1.25 @ 555–2700 MHz | 1.3:1 @ 2700–6000 MHz
# Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Operating Temperature</strong></td>
<td>-25 °C to +50 °C (-13 °F to +122 °F)</td>
</tr>
<tr>
<td><strong>Relative Humidity</strong></td>
<td>Up to 100%</td>
</tr>
<tr>
<td><strong>Ingress Protection Test Method</strong></td>
<td>IEC 60529:2001, IP65</td>
</tr>
</tbody>
</table>

## Packaging and Weights

<table>
<thead>
<tr>
<th>Specification</th>
<th>Height, packed</th>
<th>Width, packed</th>
<th>Length, packed</th>
<th>Weight, gross</th>
<th>Weight, net</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>150 mm</td>
<td>225 mm</td>
<td>370 mm</td>
<td>3.5 kg</td>
<td>2.9 kg</td>
</tr>
<tr>
<td></td>
<td>5.906 in</td>
<td>8.858 in</td>
<td>14.567 in</td>
<td>7.716 lb</td>
<td>6.393 lb</td>
</tr>
</tbody>
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