The Wide-band design series 26-13-0X-NF covers the range of 130-1000 MHz

- 300 Watt power Handling
- Airline design to achieve minimum insertion loss
- Low PIM Available
- Suitable for outdoor and indoor applications
- RoHS 2.0 compliant

<table>
<thead>
<tr>
<th>Model</th>
<th>Coupling (dB)</th>
<th>Main Line Insertion Loss (dB)</th>
<th>Unit Length L. (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>130-300 MHz</td>
<td>300-1000 MHz</td>
<td></td>
</tr>
<tr>
<td>26-13-05-NF</td>
<td>6.5 ± 0.5</td>
<td>5 ± 0.8</td>
<td>1.65</td>
</tr>
<tr>
<td>26-13-06-NF</td>
<td>7.2 ± 0.8</td>
<td>6 ± 0.8</td>
<td>1.25</td>
</tr>
<tr>
<td>26-13-07-NF</td>
<td>8.0 ± 0.8</td>
<td>7 ± 0.6</td>
<td>0.97</td>
</tr>
<tr>
<td>26-13-10-NF</td>
<td>11 ± 1.0</td>
<td>10 ± 0.5</td>
<td>0.45</td>
</tr>
<tr>
<td>26-13-15-NF</td>
<td>15 ± 1.0</td>
<td>15 ± 1.0</td>
<td>0.14</td>
</tr>
<tr>
<td>26-13-20-NF</td>
<td>20 ± 1.0</td>
<td>20 ± 1.0</td>
<td>0.04</td>
</tr>
<tr>
<td>26-13-30-NF</td>
<td>30 ± 1.0</td>
<td>30 ± 1.0</td>
<td>0.004</td>
</tr>
</tbody>
</table>

**Electrical Specifications**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range, MHz</td>
<td>130-1000 MHz</td>
</tr>
<tr>
<td>Input RL</td>
<td>&gt;20 dB typ., 17 dB min</td>
</tr>
<tr>
<td>Impedance</td>
<td>50 Ω</td>
</tr>
<tr>
<td>Power Rating</td>
<td>300 avg., 1 Kw PK.</td>
</tr>
<tr>
<td>Connector</td>
<td>N(f) Triplate</td>
</tr>
</tbody>
</table>

**Environmental Specifications**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Range, °C</td>
<td>-35 to +75</td>
</tr>
<tr>
<td>Power handling @room temperature, sea level</td>
<td>300 W max. Avg; 1000 W max. peak</td>
</tr>
<tr>
<td>Lightning Test</td>
<td>± 5 kA 8/20 us</td>
</tr>
</tbody>
</table>
UWB PUBLIC SAFETY TAPPER

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 day salt fog testing</td>
<td>GR-487- CORE</td>
</tr>
<tr>
<td>Dust &amp; Immersion Testing</td>
<td>IP67</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>5% - 95%</td>
</tr>
<tr>
<td>MTBF</td>
<td>&gt;1,000,000 hours</td>
</tr>
<tr>
<td>EMC</td>
<td>ETS 300 342-3</td>
</tr>
<tr>
<td>RoHS</td>
<td>RoHS 2.0 compliant</td>
</tr>
</tbody>
</table>

**Mechanical Specifications**

<table>
<thead>
<tr>
<th>Dimension (H x W x D), in. (mm)</th>
<th>See outline drawings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface Treatment</td>
<td>Passivated Aluminum</td>
</tr>
<tr>
<td>Protection ground</td>
<td>M6 Screw</td>
</tr>
<tr>
<td>Connectors</td>
<td>N Female</td>
</tr>
</tbody>
</table>

**Typical Dimensions**

- **26-13-20-NF**
  - 40.64 [1.600 in]

- **26-13-30-NF**
  - 76.20 [3.000 in]

- **26-13-10-NF**
  - 35.00 [1.378 in] TYP.
  - 35.00 [1.378 in] TYP.

- **26-13-05-NF**
  - 127.00 [5.000 in]

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