10-port multibeam antenna, 10x 698–894 MHz, 5 x 13.5° HPBW, fixed electrical tilt. Ships with two T-041-GL-E mounting kits.

### Electrical Specifications

**Frequency Band, MHz**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gain, dBi</td>
<td>20.6</td>
</tr>
<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>13</td>
</tr>
<tr>
<td>Beamwidth, Vertical, degrees</td>
<td>17.1</td>
</tr>
<tr>
<td>Beam Tilt, degrees</td>
<td>6</td>
</tr>
<tr>
<td>USLS (First Lobe), dB</td>
<td>18</td>
</tr>
<tr>
<td>Front-to-Back Ratio at 180°, dB</td>
<td>35</td>
</tr>
<tr>
<td>CPR at Boresight, dB</td>
<td>12</td>
</tr>
<tr>
<td>Isolation, Cross Polarization, dB</td>
<td>25</td>
</tr>
<tr>
<td>VSWR</td>
<td>Return Loss, dB</td>
</tr>
<tr>
<td>PIM, 3rd Order, 2 x 20 W, dBC</td>
<td>-150</td>
</tr>
<tr>
<td>Input Power per Port, maximum, watts</td>
<td></td>
</tr>
<tr>
<td>Polarization</td>
<td></td>
</tr>
<tr>
<td>Impedance</td>
<td>50 ohm</td>
</tr>
</tbody>
</table>

**Gain by all Beam Tilts, average, dBi**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gain by all Beam Tilts Tolerance, dB</td>
<td>±1.9</td>
</tr>
<tr>
<td>Beamwidth, Horizontal Tolerance, degrees</td>
<td>±2.4</td>
</tr>
<tr>
<td>Beamwidth, Vertical Tolerance, degrees</td>
<td>±3.4</td>
</tr>
<tr>
<td>USLS, beampeak to 20° above beampeak, dB</td>
<td>17</td>
</tr>
<tr>
<td>Front-to-Back Total Power at 180° ± 30°, dB</td>
<td>33</td>
</tr>
<tr>
<td>CPR at Boresight, dB</td>
<td>12</td>
</tr>
</tbody>
</table>

* CommScope® supports NGMN recommendations on Base Station Antenna Standards (BASTA). To learn more about the benefits of BASTA, download the whitepaper Time to Raise the Bar on BSAs.

### General Specifications

**Operating Frequency Band**

- 698 – 894 MHz

**Antenna Type**

- Multibeam

**Band**

- Single band

**Performance Note**

- Outdoor usage

### Mechanical Specifications

**RF Connector Quantity, total**

- 10

**RF Connector Quantity, low band**

- 10
### Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>RoHS 2011/65/EU</td>
<td>Compliant by Exemption</td>
</tr>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
</tr>
<tr>
<td>China RoHS SJ/T 11364-2014</td>
<td>Above Maximum Concentration Value (MCV)</td>
</tr>
</tbody>
</table>

* Footnotes

**Performance Note**: Severe environmental conditions may degrade optimum performance

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**Included Products**

- **T-041-GL-E**: Adjustable Tilt Pipe Mounting Kit for 2.0"-4.5" (60-115mm) OD round members for panel antennas. Includes 2 clamp sets.
Adjustable Tilt Pipe Mounting Kit for 2.0"-4.5" (60-115mm) OD round members for panel antennas. Includes 2 clamp sets.

General Specifications

Application
Outdoor

Includes
Brackets | Hardware

Package Quantity
1

Mechanical Specifications

Color
Silver

Material Type
Galvanized steel

Mechanical Tilt
0°–12° in steps of 2°

Dimensions

Antenna-to-Pipe Distance
85.0 mm | 3.3 in

Bracket-to-Bracket Distance
976.0 mm | 38.4 in

Compatible Diameter, maximum
115.0 mm | 4.5 in

Compatible Diameter, minimum
60.0 mm | 2.4 in

Compatible Length, maximum
1500.0 mm | 59.1 in

Compatible Length, minimum
1200.0 mm | 47.2 in

Net Weight
5.5 kg | 12.1 lb

Regulatory Compliance/Certifications

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

Classification
Compliant by Exemption
Designed, manufactured and/or distributed under this quality management system
Above Maximum Concentration Value (MCV)
Compliant with the relevant CE product directives