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** | 698–894
---|---
**Gain, dBi** | 20.6
**Beamwidth, Horizontal, degrees** | 13
**Beamwidth, Vertical, degrees** | 17.1
**Beam Tilt, degrees** | 6
**USLS (First Lobe), dB** | 18
**Front-to-Back Ratio at 180°, dB** | 35
**CPR at Boresight, dB** | 12
**Isolation, Cross Polarization, dB** | 25
**VSWR | Return Loss, dB** | 1.43 / 15.0
**PIM, 3rd Order, 2 x 20 W, dBC** | -150
**Input Power per Port, maximum, watts** | 300
**Polarization** | ±45°
**Impedance** | 50 ohm

### Electrical Specifications, BASTA*

**Frequency Band, MHz** | 698–894
---|---
**Gain by all Beam Tilts, average, dBi** | 19.6
**Gain by all Beam Tilts Tolerance, dB** | ±1.9
**Beamwidth, Horizontal Tolerance, degrees** | ±2.4
**Beamwidth, Vertical Tolerance, degrees** | ±3.4
**USLS, beampeak to 20° above beampeak, dB** | 17
**Front-to-Back Total Power at 180° ± 30°, dB** | 33
**CPR at Boresight, dB** | 12

* CommScope® supports NGMN recommendations on Base Station Antenna Standards (BASTA). To learn more about the benefits of BASTA, [download the whitepaper](https://www.commscope.com) 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

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RF Connector Interface 7-16 DIN Female
Grounding Type RF connector inner conductor and body grounded to reflector and mounting bracket
Radome Material Polyester fiberglass pultrusion
RF Connector Location Bottom
Wind Loading, maximum 2,700.0 N @ 160 km/h | 607.0 lbf @ 160 km/h
Wind Speed, maximum 140 km/h | 87 mph

Dimensions
Length 1617.0 mm | 63.7 in
Width 1574.0 mm | 62.0 in
Depth 282.0 mm | 11.1 in
Net Weight, without mounting kit 85.0 kg | 187.4 lb

Packed Dimensions
Length 1760.0 mm | 69.3 in
Width 1670.0 mm | 65.7 in
Depth 440.0 mm | 17.3 in
Shipping Weight 169.0 kg | 372.6 lb

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)

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.

* Footnotes
Performance Note Severe environmental conditions may degrade optimum performance