## 5UPX0805F



10-port multibeam antenna, 10x 698-894 MHz,  $5 \times 13.5^{\circ} \text{ HPBW}$ , fixed electrical tilt. Ships with two T-041-GL-E mounting kits.

## General Specifications

Antenna Type Multibeam

Band Single band

**Grounding Type** RF connector inner conductor and body grounded to reflector and mounting bracket

Performance Note Outdoor usage

Radome Material Polyester fiberglass pultrusion

**RF Connector Interface** 7-16 DIN Female

RF Connector Location Bottom
RF Connector Quantity, low band 10
RF Connector Quantity, total 10

### **Dimensions**

 Width
 1574 mm | 61.969 in

 Depth
 282 mm | 11.102 in

 Length
 1617 mm | 63.661 in

 Net Weight, without mounting kit
 85 kg | 187.393 lb

## Electrical Specifications

**Impedance** 50 ohm

**Operating Frequency Band** 698 – 894 MHz

Polarization ±45°

### **Electrical Specifications**

Frequency Band, MHz 698-894
Gain, dBi 20.6
Beamwidth, Horizontal, 13

Beamwidth, Vertical, degrees 17.1

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6 Beam Tilt, degrees USLS (First Lobe), dB 18 Front-to-Back Ratio at 180°, 35 CPR at Boresight, dB 12 Isolation, Cross Polarization, 25 VSWR | Return loss, dB 1.43 | 15.0 PIM, 3rd Order, 2 x 20 W, dBc -150 Input Power per Port, 300 maximum, watts

## Electrical Specifications, BASTA

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

### Mechanical Specifications

**Wind Loading @ Velocity, maximum** 2,700.0 N @ 160 km/h (607.0 lbf @ 160 km/h)

Wind Speed, maximum 140 km/h (87 mph)

## Packaging and Weights

 Width, packed
 1670 mm | 65.748 in

 Depth, packed
 440 mm | 17.323 in

 Length, packed
 1760 mm | 69.291 in

 Weight, gross
 169 kg | 372.581 lb



# 5UPX0805F

## Regulatory Compliance/Certifications

#### Agency Classification

CHINA-ROHS Below maximum concentration value

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant



#### Included Products

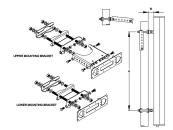
T-041-GL-E – Adjustable Tilt Pipe Mounting Kit for 2.0"-4.5" (60-115mm) OD round members for panel antennas. Includes 2 clamp sets.

## \* Footnotes

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



# 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.

#### **Product Classification**

**Product Type** Adjustable tilt mounting kit

General Specifications

ApplicationOutdoorColorSilver

**Dimensions** 

Compatible Length, maximum1500 mm | 59.055 inCompatible Length, minimum1200 mm | 47.244 inCompatible Diameter, maximum115 mm | 4.528 inCompatible Diameter, minimum60 mm | 2.362 inAntenna-to-Pipe Distance85 mm | 3.346 inBracket-to-Bracket Distance976 mm | 38.425 inWeight, net5.5 kg | 12.125 lb

Material Specifications

Material Type Galvanized steel

Mechanical Specifications

**Mechanical Tilt** 0°-12° in steps of 2°

Packaging and Weights

Included Brackets | Hardware

Packaging quantity 1

Regulatory Compliance/Certifications

Agency Classification

CE Compliant with the relevant CE product directives

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# T-041-GL-E

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ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant

