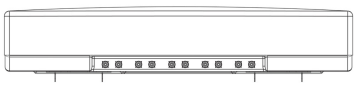
5UPX0805F



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.

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, high band	0
RF Connector Quantity, mid band	0
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

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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

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

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.andrew.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