

RF-UD-TP29-WB

RF Elements UltraDish TP 29 Wideband 29 dBi Parabolic Dish antenna

Product Overview

RF Elements UltraDish TP 29 Wideband 29 dBi Parabolic Dish antenna, 4900 - 7125 MHz frequency, 29 dBi gain, TwistPort connector, 160 km/h Wind survival, Dual Linear H + V Polarization



Specifications

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Specifications	
Product Code	RF-UD-TP29-WB
TECHNICAL DATA	
Radio Connection	TwistPort Waveguide Connector
Antenna Type	Parabolic Dish
Materials	UV Resistant ABS plastic, Aluminium, Stainless Steel
Enviromental	IP65
Pole Mounting Diameter	40-80 mm (1.5-3.1 inch)
	Recommended as close to 80 mm (3.1 inch) as possible
Temperature	-35 degreesC to +60 degreesC (-31 degreesF to +140 degreesF)
Wind Survival	160 km/h (100 mi/h)
Wind Load	371/42 N - Front/Side at 160 km/h (100 mi/h)
Effective Projected Area	3002/281 cm2 - Front/Side (465.3/43.5 in2)
Mechanical Adjustment	+/- 20 degrees Elevation, +/- 20 degrees Azimuth

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Product Specification Sheet

Weight	4.2 kg / 9.2 lbs - single unit
	7.8 kg / 17.2 lbs - single unit incl. package
	20.5 kg / 45.2 lbs - 4PACK (4 units) incl. package
Dimensions	Single unit retail box: 735 x 735 x 185 mm (28.9 x 28.9 x 7.2 inch) 4PACK retail box:
	735 x 735 x 265 mm (28.9 x 28.9 x 10.4 inch)
PERFORMANCE	
Frequency Range	4900 - 7125 MHz Antenna on WG Port
Gain	29 dBi
Azimuth Beam Width -3 dB/-6dB	H 5.5 degrees, V 5.5 degrees / H 7.6 degrees, V 7.6 degrees
Elevation Beam Width -3 dB/-6dB	H 5.5 degrees, V 5.5 degrees / H 7.6 degrees, V 7.6 degrees
Beam Efficiency	0.59
Front-to-Back Ratio	40 dB
VSWR	Check our online SpecCheck for performance data of the particular combination of feed (TPA) and antenna
Polarization	Dual Linear H + V
Impedance	50 Ohm
ETSI	EN 302 217-4 class 1

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx.co.za/RF-UD-TP29-WB-RF-Elements-UltraDish-TP-29-Wideband-29-dBi-Parabolic-Dish-antenna-p-305212.php>

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