

ePMP™ 100A-525 Dish

ePMP 100A-525 Dish high gain integrated antenna that offers enhanced range and improves throughput in high interference environments. ePMP 100A-525 Dish operates alongside the ePMP 1000 Connectorized Radio. Operating in the 5 GHz frequency spectrum, the solution brings wireless broadband connectivity to customers over longer distances and provides a superior return on investment.



Force 100D Front



Force 100D Side



Force 100D Back

Specifications

Product

MODEL NUMBER 5 GHz: C050900D007A, also sold as 4 pack: C050900H007A

Spectrum

FREQUENCY RANGE 5 GHz 5150 – 5970 MHz

Physical

ANTENNA CONNECTION	2 x RP (Reverse Polarity) SMA (female)
WEIGHT	4.1 kg (9 lbs)
WIND SURVIVAL	200 km/hour (124 mi/hour)
DIMENSIONS (DIA x DEPTH)	46cm x 29cm (18in x 11.5in)
POLE DIAMETER RANGE	2.5cm - 5cm 3.8 (1in - 2in)
MATERIAL CONSTRUCTION	Powder coated steel and die case aluminum

ANTENNA PARAMETERS

5 GHz SPECIFICATION

FREQUENCY RANGE	5150 – 5970 MHz
ANTENNA TYPE	DISH
PEAK GAIN	25 dBi
3dB BEAMWIDTH-AZIMUTH	7.5°
3dB BEAMWIDTH-ELEVATION	7.5°
FRONT-TO-BACK ISOLATION	>25 dB
CROSS POLARIZATION	>15 dB

Notes: PRODUCT INCLUDES: DISH, FEEDHORN, BRACKET and RF CABLES

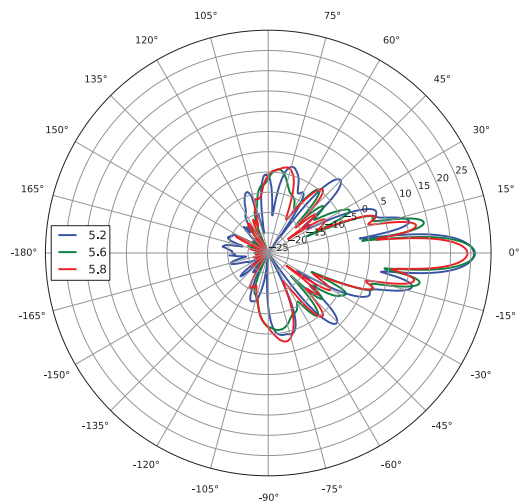
ePMP Dish 100D

Azimuth Patterns

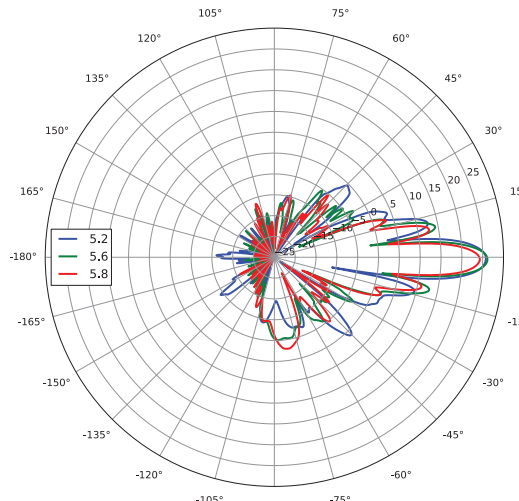
ePMP Dish 100D

Elevation Patterns

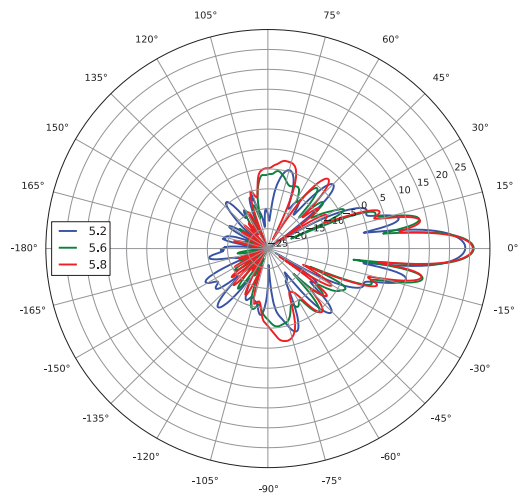
H-POL ELEVATION GAIN (dBi) FOR ZERO AZIMUTH



H-POL AZIMUTH GAIN (dBi) FOR ZERO ELEVATION



V-POL ELEVATION GAIN (dBi) FOR ZERO AZIMUTH



V-POL AZIMUTH GAIN (dBi) FOR ZERO ELEVATION

