

# 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 3.8 - 8.8cm (1.5 - 3.5in)

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

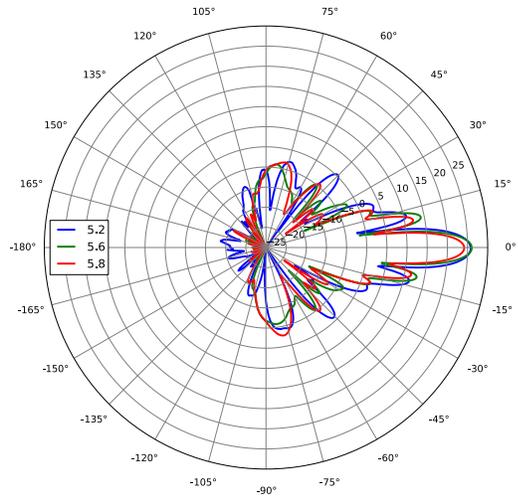
CROSS POLARIZATION >15 dB

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

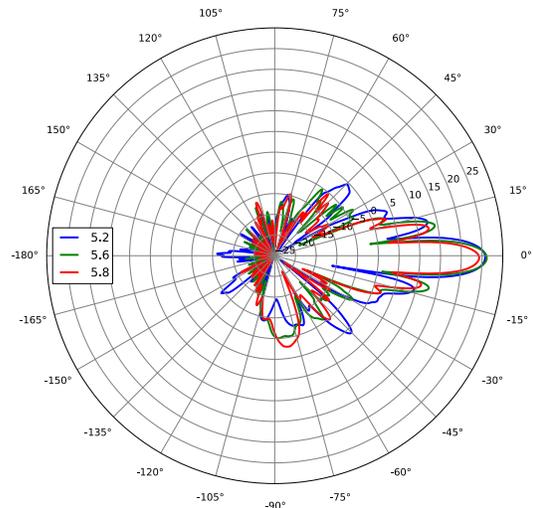
# ePMP Dish 100D Azimuth Patterns

# ePMP Dish 100D Elevation Patterns

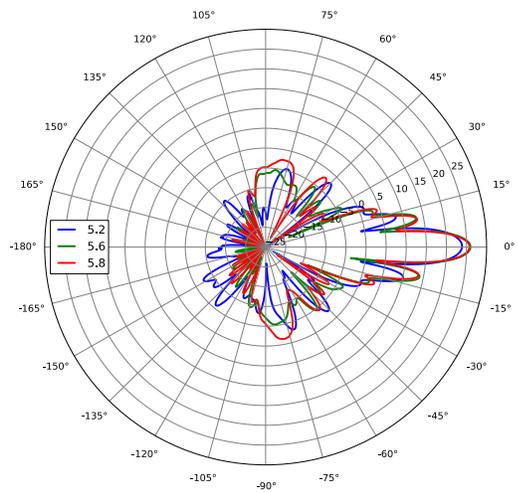
**H-POL ELEVATION GAIN (dBi) FOR ZERO AZIMUTH**



**H-POL AZIMUTH GAIN (dBi) FOR ZERO ELEVATION**



**V-POL ELEVATION GAIN (dBi) FOR ZERO AZIMUTH**



**V-POL AZIMUTH GAIN (dBi) FOR ZERO ELEVATION**

