

# ePMP™ 100A-525 Dish

ePMP 100A-525 Dish high gain antenna offers enhanced range and improves throughput in high interference environments. ePMP 100A-525 Dish can be used with either of the ePMP Connectorized Radio models. 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: C050900D007B, also sold as 4 pack: C050900H007B

### Physical

ANTENNA CONNECTION	2 x RP (Reverse Polarity) SMA (female)
WEIGHT	3.6 kg (8 lbs)
WIND SURVIVAL	145 km/hour (90 mph)
DIMENSIONS (DIA x DEPTH)	47 cm x 27 cm (18.5 in x 10.6 in)
POLE DIAMETER RANGE	5.7 cm - 7.6 cm 3.8 (2.25 in - 3 in)
MATERIAL CONSTRUCTION	Powder coated steel and plastic

### ANTENNA PARAMETERS

### 5 GHz SPECIFICATION

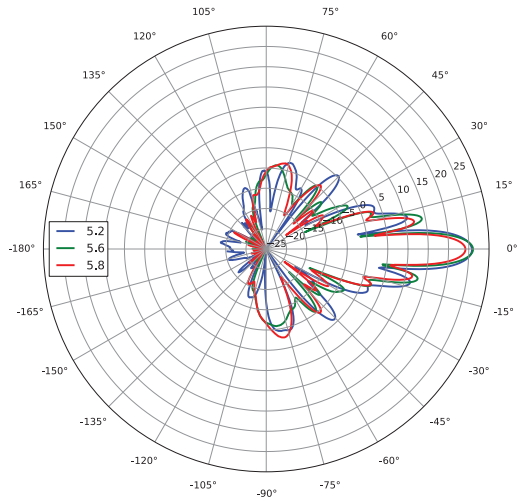
FREQUENCY RANGE	5150 - 5970 MHz
ANTENNA TYPE	DISH
PEAK GAIN	25 dBi
3dB BEAMWIDTH-AZIMUTH	7°
3dB BEAMWIDTH-ELEVATION	7°
FRONT-TO-BACK ISOLATION	>25 dB
CROSS POLARIZATION	>15 dB

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

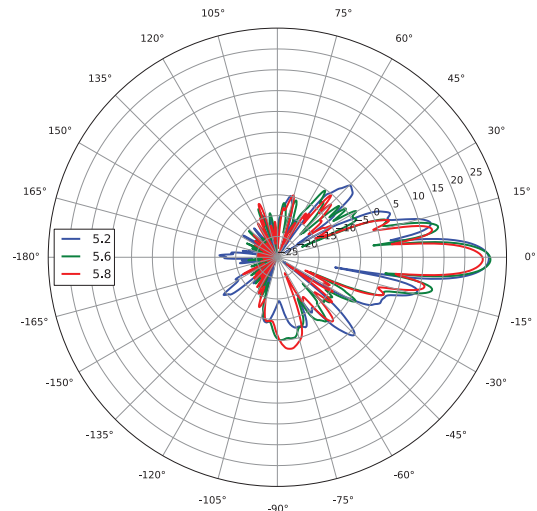
# ePMP Dish 100D Azimuth Patterns

# ePMP Dish 100D Elevation Patterns

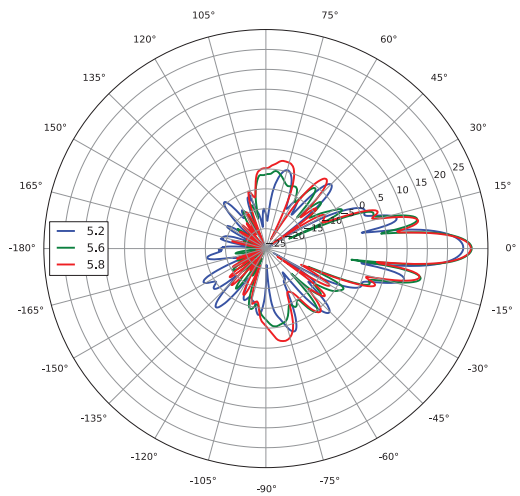
H-POL ELEVATION GAIN (dBi) FOR ZERO AZIMUTH



H-POL AZIMUTH GAIN (dBi) FOR ZERO ELEVATION



V-POL ELEVATION GAIN (dBi) FOR ZERO AZIMUTH



V-POL AZIMUTH GAIN (dBi) FOR ZERO ELEVATION

