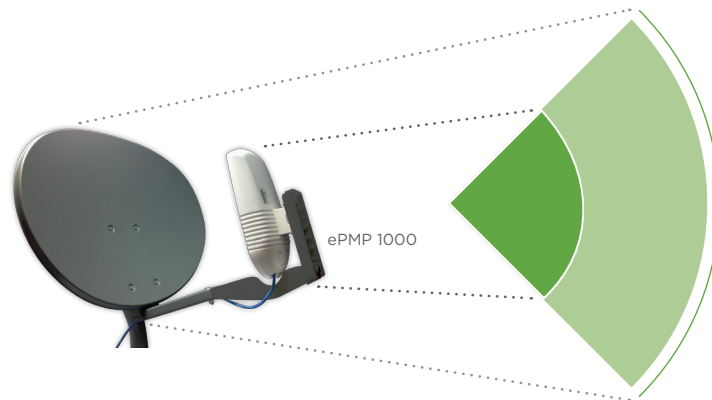


# ePMP™ 1000 Reflector Dish

The ePMP 1000 Reflector Dish is designed to provide additional system gain when used with the ePMP 1000 Integrated Antenna. It is built to the highest level of quality and reliability. The ePMP Integrated Radio is attached to the Reflector Dish via a specially designed mounting bracket that aligns the hardware to maximize system gain. The combined solution doubles the maximum range for LOS environments and enables connections to those hard to reach stations. As a result, connectivity is brought to more subscribers in a wider range without installing additional access points.

ePMP 1000 Reflector Dish



## Main Differentiators

- » **IMPROVED LINK BUDGET AND RANGE** is made possible by the ePMP Reflector Dish for a combined gain of 19 dBi. This integrated solution **doubles the range** for **LOS** connections. It also improves performance in **NLOS** and **nLOS** environments with a greater link budget.
- » **PROVEN ASSEMBLY** allows for easy installation and deployment of the combined solution with maximized performance alignment.

## Powerful Features

The **ePMP 1000 Reflector Dish** offers enhanced system gain – an additional 6 – 7 dB of gain to the ePMP1000 Integrated Unsynchronized Radio – for a total antenna gain of 19 dBi. The elliptical reflector is made out of steel for durability and is powder-coated for a long-lasting finish. It also features various deployment options to help with complicated installations. This reflector dish works with ePMP radios in the 5 GHz and 2.4 GHz bands.

### 2x2 Multiple Input and Multiple Output (MIMO)

gives ePMP 1000 antennas the benefits of dual stream operation and enables the best performance in difficult environments.

**Enhanced Link Margin** expands fade margin to guarantee top performance under changing environmental conditions.

**Improved Link Stability** provides Interference rejection from adjacent sources due to high directivity patterns.

**Tight Radiation Beam** enabled by the Reflector Dish for a targeted transmission that assures powerful signal quality for customers.



**ePMP 1000 Integrated Antenna and Reflector Dish Specifications**

PARAMETER	SPECIFICATION
FREQUENCY RANGE	2402 - 2472 MHZ and 5150 - 5970 MHZ
ANTENNA TYPE	REFLECTOR DISH
GAIN	19 dBi (Combined gain with Integrated Radio)
3DB BEAMWIDTH-AZIMUTH	10°
3DB BEAMWIDTH-ELEVATION	25°
POLARIZATION	DUAL LINEAR, HORIZONTAL / VERTICAL
FRONT-TO-BACK RATIO	>22 dB
CROSS POLARIZATION ISOLATION	15 dB
DIMENSIONS	24 X 18"
WEIGHT	9 LBS / 4 KG
MOUNTING METHOD	CARRIAGE BOLTS
MOUNTING POLE DIAMETER	1-1/4" - 4"
WIND SPEED	160 km/h (100mph)
UV PROTECTION	UV RESISTANT POWDER COAT SURFACE FINISH MATT POWDER COAT

Order information: C050900H008A - ePMP 1000: 4 Pack of ePMP Reflector Dishes