

ENCLOSURE MOUNT MULTIBAND OMNI

PROomni806-6-MB-N4

806-896 MHz, 890-960 MHz

1710-1990 MHz, 2400-2485 MHz

ANTENNA SPECIFICATIONS

Operating Frequencies in MHz

VSWR \leq 2.0 MHz	806-896
	890-960
	1710-1990
	2400-2485

Nominal Gain (dBi) No Ground Plane		W Ground Plane
806-896	- 1.27	2.93
890-960	- 0.42	2.68
1710-1990	- 3.89	5.43
2400-2485	- 2.80	6.55
Ingress Protection Rating		IP66
Horizontal Beamwidth		360°
Height		2" (53 mm)
Diameter		2.15" (54.6 mm)
Weight		7 oz
Mounting		Thru Hole 0.625 (" 5/8")



PROomni806-6-MB-N4 is equipped with

Integrated N-Female connector

The PROomni806-6-MB-N4 is a high performance, low profile multi-band omni designed specifically to meet the stringent performance demands of the Utility Industry.

Operating characteristics have been optimized to provide superior performance across a wide range of frequencies.

The antenna provides a professional grade solution for Utilities planning to take advantage of existing cellular infrastructure (2G and 3G technology) as well as SCADA applications using **licensed 900 MHz**, unlicensed **ISM 900 MHz** and **ISM 2.4 GHz**.

Pattern coverage and gain curve are demonstrably superior to other **low-profile** models, with or without a ground plane.

The design features a weatherproof radome made of UV resistant, high-impact black polycarbonate resin, and is rated IP66 against dust and water ingress.

IP66 is defined as dust tight and waterproof under all conditions except complete immersion.

The antenna includes an integral elongated N-Female connector, and mounts directly to any enclosure with a 5/8" hole using the included hex nut and rubber gasket.



PROomni806-6-MB-N4 (bottom view)

