

Technical Specification

406-512 MHz, Unity Gain
806-896 MHz, 3dB Gain

PIPE STYLE OMNI ANTENNA

Reliable Performance: Rated at 250 watts, you can expect years of continuous service.

Rugged Construction: These antennas provide the ultimate in protection from vandalism. They are almost indestructible. They are foam filled and encased in a standard 2" PVC pipe. The design provides structural integrity and moisture protection in a package that blends into most environments.

Simple installation: Using the optional BSMNT2 mounting kit, installation takes only minutes.



ELECTRICAL SPECIFICATIONS:

	A1741A	A1783A
FREQUENCY RANGE:	406-512MHz	806-896MHz
GAIN:	Unity	3dBd
VERT BEAMWIDTH:	70°	70°
BANDWIDTH <2:1:	106 MHz	90MHz
POWER RATING:	250 watts	250 watts
IMPEDANCE:	50 ohms	50 ohms

MECHANICAL SPECIFICATIONS:

RADIATOR:	Internal copper elements
RADOME:	2" (5cm) PVC pipe
TERMINATION:	Female TNC
MOUNTING SLEEVE:	Standard pipe base

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OVERALL LENGTH:	18" (46cm)	12" (30cm)
WEIGHT:	1.5 lbs. (680g)	1.2 lbs. (544g)
FLAT PLATE AREA:	.20 ft ²	.14 ft ²
WIND RATING:	125 MPH (201kph)	125 MPH
LATERAL THRUST:	13.5 lbs. (6kg)	9.5 lbs. (4.3kg)