



Web: <http://TvTOWER.COM>
 Phone: 954-850-1016

PMI-ANT-1911A ENG/STL 11 DB OMNI ENG ANTENNA
RECEIVE All BAS Channels
TRANSMIT up to 150 watts on BAS Channels 1-7

Electrical Specifications

Frequency	1990-2500 MHz Receive 1990-2110 MHz Receive & Transmit
Gain	11 dBi
-3 dBi Beam Vertical Beam Width	9 degrees
Electrical Downtilt	-2 dB
Cross Polarization Rejection	28 dBi
Impedance	50 Ohm
Max. Input Power	150 Watts
VSWR	< 1.5:1 avg.

Mechanical Specifications

Weight	2.6 lbs
Antenna Height	49.2 in
Mounting	1¼" to 2" dia. mast max. (31.7mm to 50.8mm dia.)
Weather Protection Material	Fiberglass (beige)
RoHS Compliant	Yes
Operating Temperature	-40° C to to 60° C (-40° F to 140° F)

Wind Loading Data (based on an air density of 0.075 lbs. per cubic foot)

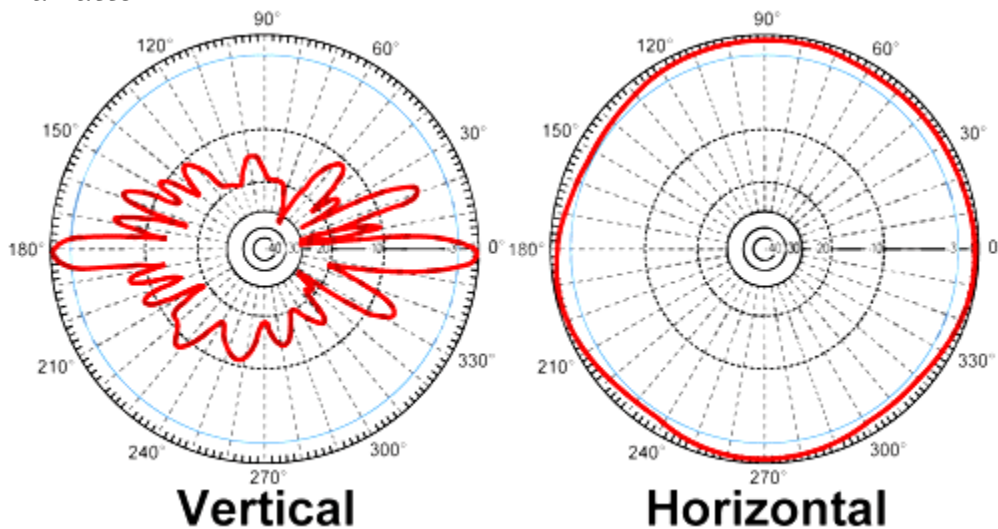
Wind Speed (MPH)	Loading
100	17 lb.
120	27 lb.



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Antenna Pattern



The plots above show the vertical and horizontal lobes of the PMI-1911A Omni Directional antenna. The Vertical pattern shows how far above and below the horizon the “beam” actually spreads. The Horizontal pattern is the pattern produced if you looked down on the antenna from a point directly above the tower or mast where the antenna is mounted.

This 11 db gain antenna is a good choice for local to medium range ENG use. It will receive on channels 1-10 in the 2/2.5 GHz Broadcast Auxiliary Service (BAS) Band, and can transmit between 1990 and 2110 MHz (BAS channels 1-7).

