

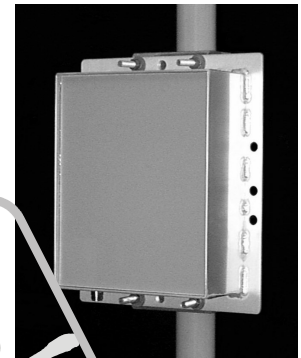
Details

1390-1525 MHz

The TA-1303 is a medium gain 11 dBi panel antenna. The antenna consists of a broadband dipole enclosed in an aluminum cavity with a UV stabilized ASA radome for superior weatherability. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Freq Range:	1390-1525 MHz
Gain:	11 dBi
VSWR:	1.5:1 max.
Front Back:	25 dB min.
Pol:	Vertical or Horizontal
Power:	250 watts
H Plane BW:	48 degrees
E Plane BW:	52 degrees
X Pol:	20 dB min.
Imp:	50 ohms nominal
Termination:	N female (7/16 optional)



Mechanical Specifications

Length:	14 in. (356 mm)
Width:	12 in. (305 mm)
Depth:	4 in. (102 mm)
Weight:	5 lb. (2.3 kg)
Rated Wind vel:	125 mph (200 km/h)
Hor Thrust:	73 lb. (33.2 kg)
Mounting Pipe:	1.9 in. (48.3 mm)

Material Specifications

Radiating Elements:	Irridited aluminum
Reflector:	Irridited aluminum
Radome:	Gray UV stabilized ASA
Clamps:	HDG steel & EDZ



Antenna Patterns

