

Details

1390-1525 MHz

The TA-1306 is a medium gain vertically or horizontally polarized panel antenna. The antenna was designed specifically for rural point to multipoint systems and as such has relatively wide beamwidths. It is designed for severe weather conditions. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Freq Range:	1390-1525 MHz
Gain:	17 dBi
VSWR:	1.5:1 max.
Front Back:	25 dB min.
Pol:	Vertical or Horizontal
Power:	200 watts
H Plane BW:	30 degrees
E Plane BW:	18 degrees
Imp:	50 ohms nominal
Termination:	N female (7/16 optional)

Mechanical Specifications

Length:	24 in. (610 mm)
width:	17 in. (432 mm)
Depth:	5.5 in. (140 mm)
weight:	10 lb. (4.5 kg)
Rated Wind Vel:	125 mph (200 km/h)
Hor Thrust:	159 lb. (72 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 Steel



Antenna Patterns

