

Details

1880-1930 MHz

The TA-1882-4-60 is a vertically polarized 60 degree sectoral antenna, designed for DECT and PCS applications requiring medium gain and a relatively narrow vertical radiation pattern. The printed circuit radiating assembly and transmission lines are enclosed in an aluminum cavity with a UV stabilized radome for superior weatherability. The antenna is at DC ground to aid in lightning protection.

Electrical Specifications

Freq Range:	1880-1930 MHz
Gain:	15 dBi
VSWR:	1.5:1 max.
Front Back:	20 dB
Pol:	Vertical
Power:	200 Watts
H Plane BW:	60 degrees
E Plane BW:	14.5 degrees
X Pol:	15 dB min.
Imp:	50 ohms nominal
Termination:	N female, MCX

Mechanical Specifications

Length:	23.2 in. (589 mm)
Width:	6.25 in. (161 mm)
Depth:	3.6 in. (92 mm)
Weight:	2 lb. (0.9 kg)
Rated wind vel:	125 mph (200 km/h)
Hor Thrust:	85 lb. (38.6 kg)
Mech tilt:	0 - 30 degrees
Mounting Pipe:	0.75 - 2.0 in. (19 - 51 mm)

Material Specifications

Radiating Elements:	Plated copper on PCB
Reflector:	Irridited aluminum
Radome:	Gray UV stabilized ASA
Clamps:	Aluminum and HDG steel



Antenna Patterns

