



Model	APVT-4547-1465
Frequency range,	450 – 470 MHz
Tuned Bandwidth MHz	Entire band
Polarization	Vertical
Gain	14.1 dBi
Horizontal Beamwidth	65° typ.
Vertical Beamwidth	15° typ.
Front-to-back ratio	≥20 dB
Impedance	50 Ω
VSWR	< 1.5
Electrical tilt	0°
Max. power	250 W
Ground	DC Grounding

**Mechanical specifications**

Construction	Fully enclosed in radome
Connector	7-16 DIN Female
Connector position	Bottom
Mechanical tilt	0° to 15° adjustable
Max. wind velocity	55 m/s
Operating temperature	-40...+60 °C
Suitable pole diameter	Suits Ø40 to Ø90 mm
Radome material	UPVC
Radome color	Gray
Antenna size	2060 x 499 x 164 mm
Weight including bracket	≤ 30 kg
Mounting	Mounting hardware supplied

**DESCRIPTION**

The series of UHF Panel antenna has been designed for TETRA / UHF Trunked Radio applications, offering a stable performance an PIM specification over a wide bandwidth.

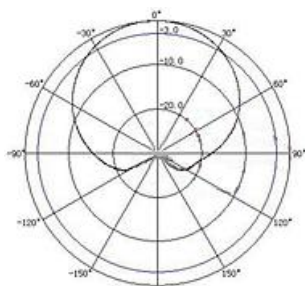
Available in VPOL, the main housing of the antenna is made from corrosion resistant marine grade aluminium.

The antennas compact design gives very low wind loading characteristics, and combined with the low weight of the antenna, aids in the reduction of structural loading.

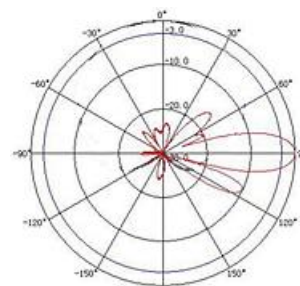
**ORDERING OPTIONS**

APVT-4547-1465 UHF Directional Panel Antenna, VPOL, 65°, 14.1dBi, 250W, 450-470 MHz with 7-16 DIN Female Connector

**RADIATION PATTERNS**



Typical H Plane



Typical E Plane