

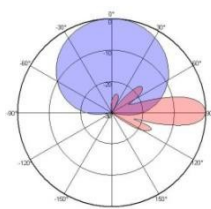
VPol 790~960MHz 65° 15dBi 0°~15° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

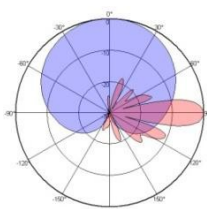
Frequency Range(MHz)	790~960	
	790~896	870~960
Polarization	Vertical	
Gain (dBi)	14.4	15
Horizontal 3dB beamwidth (°)	66	64
Vertical 3dB beamwidth (°)	15	13.5
Front-to-back ratio (dB)	≥25	
Electrical downtilt (°)	0~15	
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...5°...10°...15°	0°...5°...10°...15°
	16...15...15...14	16...15...14...14
VSWR	<1.5	
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc	
Impedance (Ω)	50	
Max. power per input (W) @50°C	500	
Lightning protection	DC Ground	

Mechanical specifications

Connector	1x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1380x270x140
Packing size (mm)	1770x365x220
Antenna weight (kg)	10
Installation kit weight (kg)	4.3
Packing weight (kg)	15.8
Wind load (N,at 150km/h)	433/150/483
Frontal/Lateral/Rearside	
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



790~896MHz



870~960MHz

