

XPol 790~960MHz 65°12dBi Fixed Tilt 0°Sector Panel Antenna

Electrical specifications

Frequency Range(MHz)	790~960	
	790~896	870~960
Polarization	±45°	
Gain (dBi)	11.5	12
Horizontal 3dB beamwidth (°)	68	65
Vertical 3dB beamwidth (°)	32	31
Front-to-back ratio (dB)	≥25	
Cross-polar ratio (dB)	≥15(±60°≥10)	
Electrical downtilt (°)	0~15	
Sidelobe suppression (dB) (First sidelobe above main beam)	≥16	
VSWR	<1.5	
Isolation: intra-system (dB)	≥30	
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc	
Impedance (Ω)	50	
Max. power per input (W) @50°C	500	
Lightning protection	DC Ground	

Mechanical specifications

Connector	2x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	610x270x140
Packing size (mm)	970x365x220
Antenna weight (kg)	5.6
Installation kit weight (kg)	2.7
Packing weight (kg)	10.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	182/57/203
Max. wind velocity (km/h)	216
Radome material	UV PVC
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115

