

XPoL 1710~2170MHz 65° 11.5dBi 6° Fixed Electrical Downtilt Antenna

Electrical specifications

Frequency Range(MHz)	1710-2170		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain (dBi)	11.5	11.5	11.5
Horizontal 3dB beamwidth (°)	68	65	64
Vertical 3dB beamwidth (°)	28	25	22
Front-to-back ratio (dB)	≥25		
Cross-polar ratio (dB)	≥15(±60°≥10)		
Electrical downtilt (°)	6		
VSWR	<1.4		
Isolation: intra-system (dB)	≥30		
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	300		
Lightning protection	DC Ground		

Mechanical specifications

Connector	2x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	345x160x80
Packing size (mm)	530x220x170
Antenna weight (kg)	2.6
Packing weight (kg)	3.3
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	62/18/69
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

