

XPol 1710~2170MHz 65° 8.5dBi 0° Fixed Electrical Downtilt Antenna

Electrical specifications

Frequency Range(MHz)	1710-2170		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain (dBi)	8.5	8.8	9.2
Horizontal 3dB beamwidth (°)	65	63	60
Vertical 3dB beamwidth (°)	68	65	62
Front-to-back ratio (dB)	Typ.≥25		
Cross-polar ratio (dB)	Typ.≥18(±60°≥10)		
Electrical downtilt (°)	0		
VSWR	<1.5		
Isolation: intra-system (dB)	≥28		
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	150		
Lightning protection	DC Ground		

Mechanical specifications

Connector	2x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	180x165x80
Packing size (mm)	325x245x160
Antenna weight (kg)	1.9
Packing weight (kg)	2.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	15/9/18
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

