

XPoI 790~960MHz 65° 16.8dBi 6° Fixed Electrical Downtilt Antenna

Electrical specifications		
Frequency Range(MHz)	790~960	
	790~896	870~960
Polarization	±45°	
Gain (dBi)	16.3	16.8
Horizontal 3dB beamwidth (°)	66	64
Vertical 3dB beamwidth (°)	9.6	9
Front-to-back ratio (dB)	25	
Cross-polar ratio (dB)	≥15(±60°≥10)	
Electrical downtilt (°)	6	
Sidelobe suppression (dB) (First sidelobe above main beam)	≥16	
VSWR	<1.4	
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)	1980x270x140
Packing size (mm)	2360x365x2 20
Antenna weight (kg)	18.5
Installation kit weight (kg)	4.3
Packing weight (kg)	16.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	631/219/749
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

