

**XPoI 790~960MHz 33° 19.5dBi 3° Fixed Electrical Downtilt Antenna**

Electrical specifications		
Frequency Range(MHz)	790~960	
	790~890	890~960
Polarization	±45°	
Gain (dBi)	19	19.5
Horizontal 3dB beamwidth (°)	33	31
Vertical 3dB beamwidth (°)	9.5	8.8
Front-to-back ratio (dB)	≥28	
Cross-polar ratio (dB)	≥18(±30°≥10)	
Electrical downtilt (°)	3	
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
Height×width×depth (mm)	1980×550×146
Packing size (mm)	2310×680×265
Antenna weight (kg)	36.1
Installation kit weight (kg)	5.1
Packing weight (kg)	49.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1172/228/1391
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

