

XPoI 1710~2170MHz 33° 20dBi 6° Fixed Electrical Downtilt Antenna

Electrical specifications			
Frequency Range(MHz)	1710-2170		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain (dBi)	20		
Horizontal 3dB beamwidth (°)	35	33	30
Vertical 3dB beamwidth (°)	8.9	8.2	7.7
Front-to-back ratio (dB)	≥28		
Cross-polar ratio (dB)	≥15(±30°≥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	300		
Lightning protection	DC Ground		

Mechanical specifications	
Connector	2x7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	1080×280×85
Packing size (mm)	1420×3 70×180
Antenna weight (kg)	8.4
Installation kit weight (kg)	4.3
Packing weight (kg)	14.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	345/72/386
Max. wind velocity (km/h)	216
Radome material	PVC
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115

