

XPoI 1710~2635MHz 33° 20.5dBi 3° Fixed Electrical Downtilt Antenna

Electrical specifications

Frequency Range(MHz)	1710~2635			
	1710~1850	1880~1920	2010~2025	2575~2635
Polarization	±45°			
Gain (dBi)	19.5	20	20	20.5
Horizontal 3dB beamwidth (°)	35	33	31	27
Vertical 3dB beamwidth (°)	7	6.5	6	5
Front-to-back ratio (dB)	≥27			
Cross-polar ratio (dB)	≥18(±15°≥10)			
Electrical downtilt (°)	3			
Sidelobe suppression (dB) (First sidelobe above main beam)	≥16			
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2x43dBm carrier)	≤-150 dBc	≤-133 dBc		
Intermodulation IM2 (2x43dBm carrier)	≤-133 dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	300			250
Lightning protection	DC Ground			

Mechanical specifications

Connector	2x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1360x320x105
Packing size (mm)	1625x420x205
Antenna weight (kg)	13.5
Installation kit weight (kg)	5.3
Packing weight (kg)	21.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	468/152/556
Max. wind velocity (km/h)	216
Radome material	PVC
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

