

XPoI 1710~2690MHz 65° 19.5dBi 0° Fixed Electrical Downtilt Antenna

Electrical specifications				
Frequency Range(MHz)	1710~2690			
	1710~1880	1920~2200	2200~2500	2500~2690
Polarization	±45°			
Gain (dBi)	19	19.1	19.3	19.5
Horizontal 3dB beamwidth (°)	68	66	65	63
Vertical 3dB beamwidth (°)	4.8	4.3	4.1	4
Front-to-back ratio (dB)	≥27			
Cross-polar ratio (dB)	≥15(±60°≥10)			
Electrical downtilt (°)	0			
Sidelobe suppression (dB) (First sidelobe above main beam)	≥16			
VSWR	<1.5			
Isolation: intra-system (dB)	≥30			
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	200			
Lightning protection	DC Ground			

Mechanical specifications	
Connector	2x7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	1980×160×80
Packing size (mm)	2520×210×170
Antenna weight (kg)	8.5
Installation kit weight (kg)	5.3
Packing weight (kg)	15.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	439/207/439
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

