

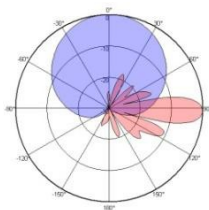
XPoL 1710~2635MHz 65° 12dBi 6° Fixed Electrical Downtilt Antenna

Electrical specifications

Frequency Range(MHz)	1710~2635			
	1710~1850	1880~1920	2010~2025	2575~2635
Polarization	±45°			
Gain (dBi)	≥11	≥11	≥11.5	≥12
Horizontal 3dB beamwidth (°)	65±6	65±6	62±6	60±6
Vertical 3dB beamwidth (°)	32±6	32±6	32±6	25±6
Front-to-back ratio (dB)	≥20			
Cross-polar ratio (dB)	≥15(±60°≥8)			
Electrical downtilt (°)	6			
VSWR	<1.5			
Isolation: intra-system (dB)	≥26			
Intermodulation IM3 (2x43dBm carrier)	≤-150			
Impedance (Ω)	50			
Max. power per input (W) @50°C	150			
Lightning protection	DC Ground			

Mechanical specifications

Connector	2xDIN-Female
Connector position	Bottom
Height×width×depth (mm)	280×160×80
Packing size (mm)	450×245×160
Antenna weight (kg)	2.2
Packing weight (kg)	2.8
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	50/15/55
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



1710~2635MHz

