

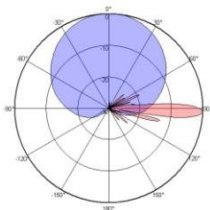
**XPoL 1710~2635MHz 65° 17.5dBi 6° Fixed Electrical Downtilt Antenna**

**Electrical specifications**

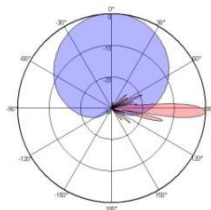
Frequency Range(MHz)	1710~2635			
	1710~1850	1880~1920	2010~2025	2575~2635
Polarization	±45°			
Gain (dBi)	16.5	17	17	17.5
Horizontal 3dB beamwidth (°)	68	66	64	62
Vertical 3dB beamwidth (°)	7	7	6.5	5.5
Front-to-back ratio (dB)	≥25			
Cross-polar ratio (dB)	≥18(±60°≥10)			
Electrical downtilt (°)	6			
Sidelobe suppression (dB) (First sidelobe above main beam)	≥16			
VSWR	<1.5			
Isolation: intra-system (dB)	≥30			
Intermodulation IM3 (2x43dBm carrier)	≤-150 dBm	≤-133 dBm		
Intermodulation IM2 (2x43dBm carrier)	≤-133 dBm			
Impedance (Ω)	50			
Max. power per input (W) @50°C	200			
Lightning protection	DC Ground			

**Mechanical specifications**

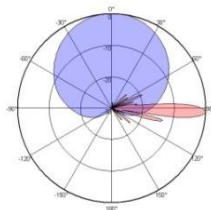
Connector	2x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1360x160x80
Packing size (mm)	1850x210x155
Antenna weight (kg)	6.6
Installation kit weight (kg)	2.8
Packing weight (kg)	11.8
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	268/90/318
Max. wind velocity (km/h)	216
Radome material	PVC
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~65
Mounting hardware (mm)	Φ50~Φ115



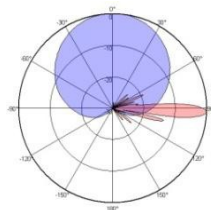
1710~1850MHz



1880~1920MHz



2010~2025MHz



2575~2635MHz

