

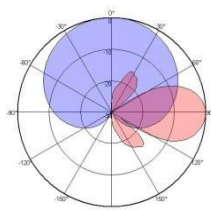
**XXPoI 790~960MHz/1710~2170MHz 65°/65° 12/13.5dBi 0°/0° Fixed Electrical Downtilt Antenna**

**Electrical specifications**

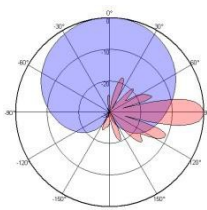
Frequency Range(MHz)	790~960		1710~2170		
	790~890	890~960	1710~1880	1850~1990	1920~2170
Polarization	±45°				
Gain (dBi)	11.5	12	12.5	12.8	13.5
Horizontal 3dB beamwidth (°)	68	65	66	61	60
Vertical 3dB beamwidth (°)	32	30	20	19	18
Front-to-back ratio (dB)	Copolar:≥23				
Cross-polar ratio (dB)	≥15(Typically ±60°≥10)				
Electrical downtilt (°)	0		0		
Sidelobe suppression (dB) (First sidelobe above main beam)	≥12		≥12		
VSWR	<1.5				
Isolation: intra-system (dB)	≥30				
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc				
Impedance (Ω)	50				
Max. power per input (W) @50°C	400		200		
Lightning protection	DC Ground				

**Mechanical specifications**

Connector	4×7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	655×270×140
Packing size (mm)	1020×365×220
Antenna weight (kg)	6.6
Installation kit weight (kg)	2.7
Packing weight (kg)	13
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	187/76/199
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



790~960MHz



1710~2170MHz

