

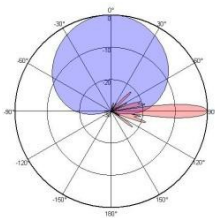
XXPoI 1710~2170MHz×2 65° 17.5dBi 6° Fixed Electrical Downtilt Antenna

Electrical specifications

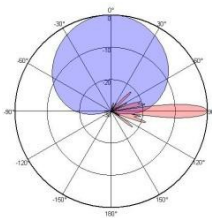
Frequency Range(MHz)	1710-2170 × 2		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain (dBi)	17.3	17.5	17.8
Horizontal 3dB beamwidth (°)	68	65	63
Vertical 3dB beamwidth (°)	7.1	6.7	6.2
Front-to-back ratio (dB)	≥25		
Cross-polar ratio (dB)	≥15 (±15°≥10)		
Electrical downtilt (°)	6		
Sidelobe suppression (dB) (First sidelobe above main beam)	≥17		
VSWR	<1.5		
Isolation: intra-system (dB)	≥30		
Isolation: inter-system (dB)	≥30		
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	300		
Lightning protection	DC Ground		

Mechanical specifications

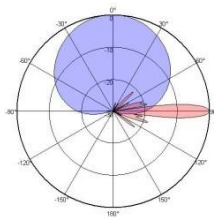
Connector	4×7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	1360×320×80
Packing size (mm)	1685×410×185
Antenna weight (kg)	13
Installation kit weight (kg)	4.5
Packing weight (kg)	19.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	468/93/556
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



1710~1880MHz



1850~1990MHz



1920~2170MHz

