

XPoI 1710~2690MHz 65° 17dBi Adjustable Electrical Downtilt Antenna, Manual or by optional RCU (Remote Control Unit)

Electrical specifications				
Frequency range (MHz)	1710~1880	1920~2200	2200~2500	2500~2690
Polarization	±45°			
Gain (dBi)	16.3	16.5	16.7	17
Electrical downtilt (°)	0~10	0~10	0~10	0~10
Half-power beam width (°)	Hor:68 Ver:8.5	Hor:66 Ver:7.5	Hor:64 Ver:6.5	Hor:62 Ver:6
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...5°...10° 15...15...15	0°...5°...10° 15...15...15	0°...5°...10° 15...15...14	0°...5°...10° 15...15...14
Front-to-back ratio (dB)	≥25			
Isolation (dB)	≥30			
Cross-polar ratio (dB)	≥15(±60° ≥10)			
Impedance (Ω)	50			
VSWR	≤1.5			
Intermodulation IM3 (2×43dBm carrier)	≤-150 dBc			
Maximum input power (W)	300			
Lightning protection	DC Ground			



Mechanical specifications	
Connector	4×7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	1095×320×80
Packing size (mm)	1655×410×185
Antenna weight (kg)	12.5
Installation kit weight (kg)	4.3
Packing weight (kg)	19
Wind loading area (m ²)	0.35
Max. wind velocity (m/s)	60
Reflector material	Aluminum Alloy
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-50~65
Mounting hardware (mm)	φ 50~φ 115

