

**XPol 1710~2170MHz 65° 15dBi 6° Fixed Electrical Downtilt Antenna**

Electrical specifications			
Frequency Range(MHz)	1710-2170		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain (dBi)	14.3	14.5	14.8
Horizontal 3dB beamwidth (°)	66	65	63
Vertical 3dB beamwidth (°)	13.5	12.5	11.5
Front-to-back ratio (dB)	≥25		
Cross-polar ratio (dB)	≥15(±60°≥10)		
Electrical downtilt (°)	6		
Sidelobe suppression (dB) (First sidelobe above main beam)	≥16		
VSWR	<1.4		
Isolation: intra-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	2x7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	760×160×80
Packing size (mm)	1250×215×155
Antenna weight (kg)	4.1
Installation kit weight (kg)	2.7
Packing weight (kg)	8.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	135/50/160
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

