

XXPol 1710~2170MHz×2 65° 19.5dBi 0°~6° Manual or by optional RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	1710~2170		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain (dBi)	19	19.3	19.5
Horizontal 3dB beamwidth (°)	66	65	63
Vertical 3dB beamwidth (°)	5	4.6	4.3
Front-to-back ratio (dB)	≥25		
Cross-polar ratio (dB)	≥15(Typically, ±60° ≥10)		
Electrical downtilt (°)	0~6		
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...3°...6° 16...15...15	0°...3°...6° 16...15...15	0°...3°...6° 16...15...15
VSWR	<1.5		
Isolation: intra-system (dB)	≥30		
Intermodulation IM3 (2×43dBm carrier)	≤-150 dBc		
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)	1980×320×80
Packing size (mm)	2310×410×185
Antenna weight (kg)	19.3
Installation kit weight (kg)	4.2
Packing weight (kg)	28.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	796/240/796
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

