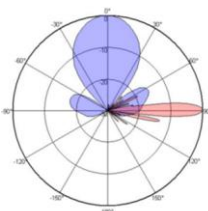


XPol 1710~2170MHz 33° 20.5dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna.

Electrical specifications			
Frequency Range(MHz)	1710~2170		
	1710-1880	1850-1990	1920-2170
Polarization	±45°		
Gain (dBi)	19.5±0.4	20.0±0.5	20.5±0.5
Horizontal 3dB beamwidth (°)	37±1.6	35±0.9	34±1.1
Vertical 3dB beamwidth (°)	7.4±0.2	7.0±0.2	6.2±0.2
Front-to-back ratio (dB)	>28	>28	>28
Cross-polar ratio (dB)	>20 (0°)	>20 (0°)	>20 (0°)
Electrical downtilt (°)	2-12		
Sidelobe suppression (dB) (First sidelobe above main beam)	>17	>17	>17
VSWR	<1.5		
Isolation: intra-system (dB)	>28		
Intermodulation IM3 (2x43dBm carrier)	≤-153 dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	250		
RET model	TRCU-TM10P1V01(Integrated, Replaceable)		
RET protocol	AISG 2.0 SRET		
Lightning protection	DC Ground		

Mechanical specifications	
Connector	2x4.3-10-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1360x320x105
Packing size (mm)	1625x420x205
Antenna weight (kg)	12.8
Installation kit weight (kg)	5.4
Packing weight (kg)	21.3
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	480/111/537
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



1710-2170MHz

