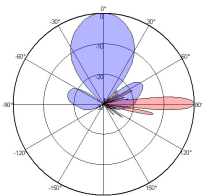


**XPol 1710~2170MHz 33° 20.5dBi 0°~10° Integrated RCU (Remote Control Unit)
Antenna**

Electrical specifications			
Frequency Range(MHz)	1710~2170		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain at mid tilt (dBi)	20.0	20.3	20.5
Gain over all tilts (dBi)	19.8±0.4	20.1±0.3	20.3±0.3
Horizontal 3dB beamwidth (°)	36±3	34±2	32±3
Vertical 3dB beamwidth (°)	7.3±0.5	6.9±0.4	6.3±0.3
Front-to-back ratio (dB)	>27	>26	>25
Cross-polar ratio (dB)	>18 (0°)	>18 (0°)	>18 (0°)
Electrical downtilt (°)	0~10		
Sidelobe suppression (dB) (First sidelobe above main beam)	>18	>17	>16
VSWR	<1.5		
Isolation: intra-system (dB)	≥28		
Intermodulation IM3 (2×43dBm carrier)	≤-150 dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	250		
RET Model	TRCU-TM10P1V01(Replaceable, integrated)		
RET Protocol	AISG 2.0 SRET		
Lightning protection	Dc Ground		

Mechanical specifications	
Connector	2×7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	1360×320×105
Packing size (mm)	1625×420×205
Antenna weight (kg)	13
Installation kit weight (kg)	5.3
Packing weight (kg)	21.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	514/140/574
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



1710~2170MHz

