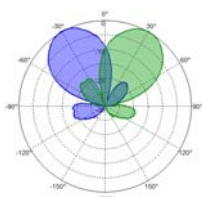


XXPol 1710~2170MHz×2 Dual-beam 33° 19.5dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna
Electrical specifications

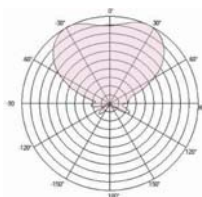
Frequency Range(MHz)	1710~2170		
	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain (dBi)	18.6±0.5	19.1±0.5	19.5±0.4
Horizontal 3dB beamwidth (°)	41±1.6	38±1.8	33±1.4
Vertical 3dB beamwidth (°)	7.8±0.4	7.2±0.4	6.8±0.4
Front-to-back ratio (dB)	≥28	≥28	≥28
Cross-polar ratio (dB)	≥18(Main direction)	≥20(Main direction)	≥20(Main direction)
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 (2×43dBm carrier)	≤-153 dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	200		
RET Model	TRCU-TQ10P2V01(Replaceable, Included)		
RET Protocol	AISG 2.0 SRET		
Lightning protection	Dc Ground		

Mechanical specifications

Connector	4×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	1460×400×150
Packing size (mm)	1775×490×265
Antenna weight (kg)	20.2
Installation kit weight (kg)	5.4
Packing weight (kg)	29.4
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	690/169/771
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



Single antenna pattern



Synthetical pattern

