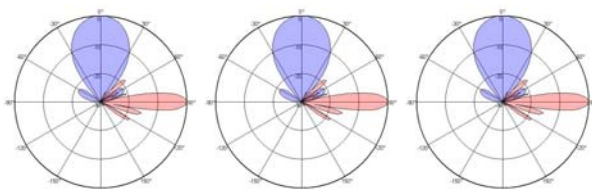


XPol 790~960MHz 33° 20.4dBi 0°~10° Integrated RCU (Remote Control Unit) Antenna
Electrical specifications

Frequency Range(MHz)	790~960		
	790~862	824~894	880~960
Polarization	±45°		
Gain at mid tilt (dBi)	20.0	20.3	20.5
Gain over all tilts (dBi)	19.8±0.4	20.2±0.3	20.4±0.3
Horizontal 3dB beamwidth (°)	35±3.2	32±3.6	30±2.8
Vertical 3dB beamwidth (°)	7.8±0.6	7.5±0.6	7.2±0.5
Front-to-back ratio (dB)	>31	>32	>33
Cross-polar ratio (dB)	>28(0°)	>26(0°)	>23(0°)
Electrical downtilt (°)	0~10		
Sidelobe suppression (dB) (First sidelobe above main beam)	>19	>18	>16
VSWR	≤1.5		
Isolation: intra-system (dB)	≥30		
Intermodulation IM3 (2×43dBm carrier)	≤-153dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	500		
RET Model	TRCU-TM10P1V01(Replaceable, included)		
RET Protocol	AISG 2.0 SRET		
Lightning protection	Dc Ground		

Mechanical specifications

Connector	2×7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	2520×530×115
Packing size (mm)	2990×625×220
Antenna weight (kg)	35.6
Installation kit weight (kg)	8.6
Packing weight (kg)	50.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1499/552/1675
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



790~862MHz

824~894MHz

880~960MHz

