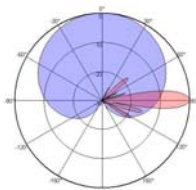


**XPol 790~960MHz 90° 16.2dBi 0°~8° Integrated RCU (Remote Control Unit) Antenna**
**Electrical specifications**

Frequency Range(MHz)	790~960		
	790~862	824~894	880~960
Polarization	±45°		
Gain at mid tilt (dBi)	15.8	16.2	16.4
Gain over all tilts (dBi)	15.6±0.3	16.0±0.3	16.2±0.3
Horizontal 3dB beamwidth (°)	88±2.1	86±2.2	85±2.0
Vertical 3dB beamwidth (°)	8.6±0.5	8.2±0.5	7.6±0.5
Front-to-back ratio (dB)	>25	>24	>24
Cross-polar ratio (dB)	>21(±60°>14)	>22(±60°>13)	>22(±60°>14)
Electrical downtilt (°)	0~8		
Sidelobe suppression (dB) (First sidelobe above main beam)	>19	>19	>18
VSWR	≤1.5		
Isolation: intra-system (dB)	≥30		
Intermodulation IM3 (2×43dBm carrier)	≤-153dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	400		
RET Model	TRCU-TM10P1V01(Integrated, Replaceable)		
RET Protocol	AISG 2.0 SRET		
Lightning protection	Dc Ground		

**Mechanical specifications**

Connector	2×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	2580×270×140
Packing size (mm)	2935×365×220
Antenna weight (kg)	23.5
Installation kit weight (kg)	5.5
Packing weight (kg)	32.5
Wind load (N, at 150km/h) Frontal/Lateral/Rearside	870/286/1034
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



790~960MHz

