

**XPoI 790~960MHz 90° 15dBi 0°~10° Integrated RCU (Remote Control Unit) Antenna**
**Electrical specifications**

Frequency Range(MHz)	790~960		
	790~862	824~894	880~960
Polarization	±45°		
Gain (dBi)	14.6±0.4	14.8±0.5	15±0.5
Horizontal 3dB beamwidth (°)	88±3	86±4	84±4
Vertical 3dB beamwidth (°)	10±0.5	9.7±0.5	9.2±0.5
Front-to-back ratio (dB)	>25	>24	>24
Cross-polar ratio (dB)	>20(±60°>10)	>20(±60°>10)	>18(±60°>10)
Electrical downtilt (°)	0~10		
Sidelobe suppression (dB) (First sidelobe above main beam)	>18	>17	>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	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)	1980×270×140
Packing size (mm)	2355×365×220
Antenna weight (kg)	18
Installation kit weight (kg)	5.4
Packing weight (kg)	28
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	660/271/701
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

