

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 (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 (2x43dBm carrier)	≤-150 dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	500		
RET model	TRCU-TM10P1V01(Integrated, Replaceable)		
RET protocol	AISG 2.0 SRET		
Lightning protection	DC Ground		

Mechanical specifications	
Connector	2x7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	2520x530x115
Packing size (mm)	3000x630x225
Antenna weight (kg)	42
Installation kit weight (kg)	11.5
Packing weight (kg)	61
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

