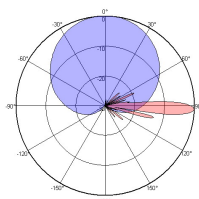


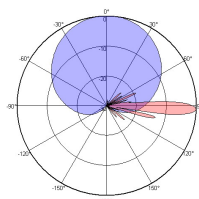
Tri-Sector XPol 790~960MHz 65° 17.8dBi 2°~12° Integrated and replaceable RCU (Remote Control Unit) Antenna

Electrical Specifications			
Frequency range(MHz)	790~960		
	790~862	824~894	880~960
Polarization	±45°		
Gain at mid tilt (dBi)	17.1	17.5	17.8
Gain over all tilts (dBi)	17.0±0.5	17.4±0.4	17.7±0.4
Horizontal 3dB beamwidth (°)	66±4	64±4	64±3
Vertical 3dB beamwidth (°)	7.5±0.4	7±0.3	7±0.4
Front-to-back ratio (dB)	>25	>25	>25
Cross-polar ratio (dB)	>17(±60°>10)	>16(±60°>10)	>16(±60°>10)
Electrical downtilt (°)	2~12		
Sidelobe suppression (dB) (First sidelobe above main beam)	>17	>16	>15
VSWR	≤1.5		
Isolation: intra-system (dB)	≥28		
Intermodulation IM3 (2×43dBm carrier)	≤-150 dBc		
Impedance (Ω)	50		
Max. power per input (W) @50°C	400		
RET Model	TRCU-TM10P1V01(Replaceable, integrated)		
RET Protocol	AISG 2.0 SRET		
Lightning protection	Dc Ground		

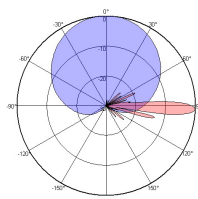
Mechanical Specifications	
Connector	3×2×4.3-10Female
Connector position	Bottom
Height×width×depth (mm)	φ400×(2620+360)
Packing size (mm)	3230×560×710
Antenna weight (kg)	82
Packing weight (kg)	100
Wind load (N, at 150km/h) Frontal/Lateral/Rearside	1066/1066/1066
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	White
Operating temperature (°C)	-40~60



790~862MHz



824~896MHz



880~960MHz

