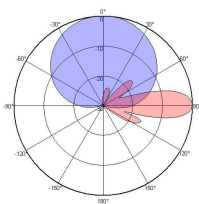


Tri-Sector XPol 1710~2690MHz 65° 15dBi 2°~14° Integrated and replaceable RCU (Remote Control Unit) Antenna

Electrical Specifications				
Frequency range(MHz)	1710~2690			
	1710~1990	1920~2200	2200~2490	2490~2690
Polarization	±45°			
Gain at mid tilt (dBi)	14.0	14.3	14.5	14.8
Gain over all tilts (dBi)	13.8±0.5	14.0±0.5	14.3±0.5	14.5±0.5
Horizontal 3dB beamwidth (°)	69±3.6	67±3.2	64±3.9	62±4.0
Vertical 3dB beamwidth (°)	13.8±1.2	12.0±1.1	11.2±0.5	10.8±0.7
Front-to-back ratio (dB)	>25	>25	>25	>25
Cross-polar ratio (dB)	>18 (0°)	>18 (0°)	>18 (0°)	>18 (0°)
Electrical downtilt (°)	2~14			
Sidelobe suppression (dB) (First sidelobe above main beam)	>15	>15	>15	>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	250			
RET Model	TRCU-TM10P1V01(Replaceable, integrated)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

Mechanical Specifications	
Connector	3×2×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	(800+360)×Φ250
Packing size (mm)	1290×415×415
Antenna weight (kg)	16.6
Packing weight (kg)	20.6
Wind load (N, at 150km/h) Frontal/Lateral/Rearside	235/235/235
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	White
Operating temperature (°C)	-50~65



1710~2690MHz

