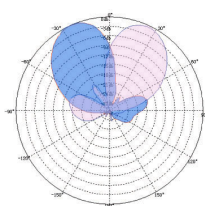


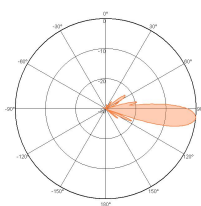
XXPol 698~960MHz×2 Dual-beam 33° 18.3dBi 2°~12° Integrated and replaceable RCU (Remote Control Unit) Antenna

Electrical Specifications				
Frequency range(MHz)	698~960			
	698~803	790~862	824~894	880~960
Polarization	±45°			
Gain at mid tilt (dBi)	16.5	18.0	18.1	18.3
Gain over all tilts (dBi)	16.4±0.6	17.8±0.4	18.0±0.5	18.2±0.3
Horizontal 3dB beamwidth (°)	39±2 (Beam center:±30°)	37±2 (Beam center:±29°)	35±2 (Beam center:±27°)	34±3 (Beam center:±26°)
Vertical 3dB beamwidth (°)	10.1±0.6	9.4±0.6	9.0±0.5	8.4±0.4
Front-to-back ratio (dB)	>28	>28	>28	>28
Cross-polar ratio (dB)	>18(at Boresight)	>22(at Boresight)	>22(at Boresight)	>22(at Boresight)
Electrical downtilt (°)	2~12			
Sidelobe suppression (dB) (First sidelobe above main beam)	>17	>17	>17	>17
VSWR	<1.5			
Isolation: intra-system (dB)	≥22	≥25		
Intermodulation IM3 (2×43dBm carrier)	≤-153dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	400			
RET Model	TRCU-TQ10P2V01(Replaceable, Included)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

Mechanical Specifications	
Connector	4×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	2080×599×198
Packing size (mm)	2390×715×300
Antenna weight (kg)	38
Installation kit weight (kg)	5.4
Packing weight (kg)	51.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1345/256/1285
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



Horizontal pattern



Vertical pattern

