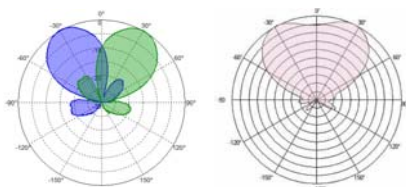


XXXXPol 1710~2690MHz×4 Dual-beam 33° 20dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna

Electrical specifications				
Frequency Range(MHz)	1710~2690×4			
	1710~1990	1920~2200	2200~2490	2490~2690
Polarization	±45°			
Gain (dBi)	18.1±0.6(Top) 18.5±0.6(Bottom)	18.7±0.6(Top) 19.1±0.6(Bottom)	18.8±0.5(Top) 19.2±0.5(Bottom)	19.0±0.5(Top) 19.4±0.5(Bottom)
Horizontal 3dB beamwidth (°)	39±3	37±2.2	35±1.5	33±1.3
Vertical 3dB beamwidth (°)	7.8±0.4	6.9±0.4	6.0±0.4	5.5±0.3
Front-to-back ratio (dB)	>27	>27	>28	>29
Cross-polar ratio (dB)	>18(at Boresight)	>18(at Boresight)	>18(at Boresight)	>18(at Boresight)
Electrical downtilt (°)	2~12			
Sidelobe suppression (dB) (First sidelobe above main beam)	>18	>18	>18	>17
VSWR	<1.5			
Isolation: intra-system (dB)	≥25			
Isolation: inter-system (dB)	≥30			
Intermodulation IM3 (2×43dBm carrier)	≤-150 dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	200			
RET Model	TRCU-TQ10P2V01(Replaceable, Included)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

Mechanical specifications	
Connector	8×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	2580×400×150
Packing size (mm)	2925×490×265
Antenna weight (kg)	33.6
Installation kit weight (kg)	8.8
Packing weight (kg)	47.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1345/318/1503
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~8
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115



Single antenna pattern Synthetical pattern

