

XXPoI 1710~2690MHz×2 65° 17.8dBi 2°~12° Integrated RCU (Remote Control Unit)
Tri-Sector Antenna, 4XMIMO supported(Optional)

Electrical specifications

Frequency Range(MHz)	1710~2690×2			
	1710~1990	1920~2200	2200~2500	2500~2690
Polarization	±45°			
Gain (dBi)	17.0±0.5	17.3±0.4	17.5±0.4	17.8±0.5
Horizontal beamwidth (°)	68±4	66±3	63±3	60±4
Vertical beamwidth (°)	7.5±0.4	6.5±0.3	6±0.3	5.5±0.4
Front-to-back ratio (dB)	>25	>26	>27	>25
Cross-polar ratio (dB)	>22(0°)	>20(0°)	>21(0°)	>20(0°)
Electrical downtilt (°)	2~12			
Sidelobe suppression (dB) (First sidelobe above main beam)	>17	>17	>16	>15
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2×43dBm carrier)	≤-150			
Impedance (Ω)	50			
Max. power per input (W)	200			
RET Model	TRCU-TQ10P2V01			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

Mechanical specifications

Connector	3×4×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	1980×Φ430
Packing size (mm)	2200×560×710
Antenna weight (kg)	59
Packing weight (kg)	92
Wind load (N,at 150km/h) Frontal/Lateral/rearside	698/698/698
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	White
Mechanical tilt (°)	0
Operating temperature (°C)	-40~60

