

XXXXPol 1710~2690MHz×4 65° 18dBi 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 at mid tilt (dBi)	17.2	17.5	17.8	18.0
Gain over all tilts (dBi)	17.0±0.5	17.3±0.5	17.6±0.5	17.8±0.5
Horizontal 3dB beamwidth (°)	69±5	65±5	62±5	60±5
Vertical 3dB beamwidth (°)	6.8±0.5	6.1±0.4	5.4±0.4	5.1±0.3
Front-to-back ratio (dB)	>28	>28	>28	>26
Cross-polar ratio (dB)	>20 (0°)	>20 (0°)	>20 (0°)	>18 (0°)
Electrical downtilt (°)	2~12			
Sidelobe suppression (dB) (First sidelobe above main beam)	>18	>18	>17	>16
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Isolation: inter-system (dB)	≥28			
Intermodulation IM3 (2×43dBm carrier)	≤-153dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	250			
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)	1360×500×158
Packing size (mm)	1770×620×330
Antenna weight (kg)	23
Installation kit weight (kg)	5.4
Packing weight (kg)	33.2
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	744/217/832
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-50~65
Mounting hardware (mm)	Φ50~Φ115

