

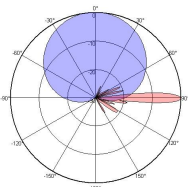
XXXXPol 1710~2690MHz×4 65° 19.5dBi 2°~8° Integrated and replaceable RCU (Remote Control Unit) Antenna

Electrical specifications

Frequency Range(MHz)	1710~2690×4			
	1710~1990	1920~2200	2200~2490	2490~2690
Polarization	±45°			
Gain at mid tilt (dBi)	19.4	19.5	19.8	19.6
Gain over all tilts (dBi)	19±0.5	19.3±0.5	19.5±0.5	19.3±0.5
Horizontal 3dB beamwidth (°)	67±2.5	62±2.6	61±1.8	62±2.0
Vertical 3dB beamwidth (°)	5.0±0.4	4.4±0.3	4.1±0.3	3.6±0.3
Front-to-back ratio (dB)	>27	>27	>27	>27
Cross-polar ratio (dB)	>22 (0°)	>22 (0°)	>22 (0°)	>22 (0°)
Electrical downtilt (°)	2~8			
Sidelobe suppression (dB) (First sidelobe above main beam)	>17	>17	>16	>15
VSWR	<1.5			
Isolation: intra-system (dB)	>28			
Isolation: inter-system (dB)	>30			
Intermodulation IM3 (2×43dBm carrier)	≤-153 dBc			
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)	1980×500×158
Packing size (mm)	2390×620×330
Antenna weight (kg)	32
Installation kit weight (kg)	5.4
Packing weight (kg)	44.5
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	1063/248/1130
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



1710~2690MHz

