

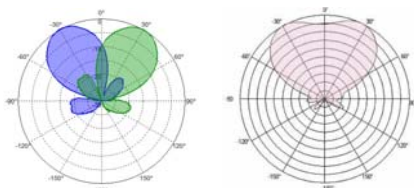
XXPol 1710~2690MHz×2 Dual-beam 33° 20dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna.

Electrical specifications

Frequency Range(MHz)	1710~2690			
	1710~1990	1920~2200	2200~2490	2490~2690
Polarization	±45°			
Gain at mid tilt (dBi)	19.4	19.8	20	20.2
Gain over all tilts (dBi)	19.2±0.6	19.6±0.6	19.8±0.8	20±0.8
Horizontal 3dB beamwidth (°)	43±2.9	37±3.1	34±1.2	33±1.1
Vertical 3dB beamwidth (°)	7.6±0.6	6.7±0.7	5.8±0.4	5.4±0.4
Front-to-back ratio (dB)	>25	>25	>26	>28
Cross-polar ratio (dB)	>21 (at boresight)	>20(at boresight)	>20(at boresight)	>19(at boresight)
Electrical downtilt (°)	2~12			
Sidelobe suppression (dB) (First sidelobe above main beam)	>22 (at min tilt)	>20 (at min tilt)	>18 (at min tilt)	>18 (at min tilt)
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
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	4×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	1400×400×150
Packing size (mm)	1715×490×265
Antenna weight (kg)	18.7
Installation kit weight (kg)	5.4
Packing weight (kg)	27.8
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	675/169/754
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-55~65
Mounting hardware (mm)	Φ50~Φ115
Installation kit model	51AA



Single antenna pattern

Synthetical pattern

