

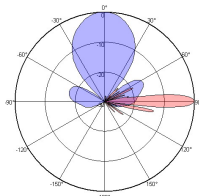
XXPol 1710~2690MHz×2 33° 20.5dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna

Electrical Specifications

Frequency range(MHz)	1710~2690×2			
	1710~1990	1920~2200	2200~2490	2490~2690
Polarization	±45°			
Gain at mid tilt (dBi)	19.3	20.2	20.3	20.5
Gain over all tilts (dBi)	19.2±0.6	20.0±0.5	20.2±0.5	20.3±0.4
Horizontal 3dB beamwidth (°)	39±4	35±4	33±2	30±2
Vertical 3dB beamwidth (°)	7.5±0.6	6.8±0.5	5.9±0.5	5.4±0.5
Front-to-back ratio (dB)	>28	>28	>27	>27
Cross-polar ratio (dB)	>28(0°)	>26(0°)	>26(0°)	>22(0°)
Electrical downtilt (°)	2~12			
Sidelobe suppression (dB) (First sidelobe above main beam)	>20	>20	>20	>19
VSWR	<1.5			
Isolation: intra-system (dB)	>28			
Isolation: inter-system (dB)	>30			
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc			
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	4×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	1360×446×165
Packing size (mm)	1680×540×265
Antenna weight (kg)	24.2
Installation kit weight (kg)	5.4
Packing weight (kg)	33.4
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	415/111/505
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



1710~2690MHz

