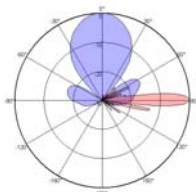


XPoI 1710~2690MHz 33° 20.5dBi 2°~12° Integrated RCU (Remote Control Unit) Antenna
Electrical specifications

Frequency Range(MHz)	1710~2690			
	1710~1990	1920~2200	2200~2490	2490~2690
Polarization	±45°			
Gain at mid tilt (dBi)	19.7	20.2	20.7	20.2
Gain over all tilts (dBi)	19.5±0.4	20.0±0.5	20.5±0.5	20.0±0.5
Horizontal 3dB beamwidth (°)	36±1.6	34±1.2	29±0.9	28±1.0
Vertical 3dB beamwidth (°)	7.2±0.4	6.3±0.2	5.7±0.3	5.2±0.4
Front-to-back ratio (dB)	>28	>28	>28	>28
Cross-polar ratio (dB)	>20 (0°)	>20 (0°)	>20 (0°)	>20 (0°)
Electrical downtilt (°)	2~12			
Sidelobe suppression (dB) (First sidelobe above main beam)	>17	>17	>17	>17
VSWR	<1.5			
Isolation: intra-system (dB)	>28			
Intermodulation IM3 (2×43dBm carrier)	≤-153 dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	250			
RET Model	TRCU-TM10P1V01(Replaceable, integrated)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

Mechanical specifications

Connector	2×4.3-10-Female
Connector position	Bottom
Height×width×depth (mm)	1360×320×105
Packing size (mm)	1625×420×205
Antenna weight (kg)	12.8
Installation kit weight (kg)	4.3
Packing weight (kg)	19.3
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	480/111/537
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

