

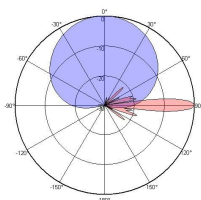
XPol 1710~2690MHz 65° 18dBi 2°~12° Integrated RCU (Remote Control Unit)
Antenna,Cluster

Electrical specifications

Frequency Range(MHz)	1710~2690			
	1710~1990	1920~2200	2200~2490	2490~2690
Polarization	$\pm 45^\circ$			
Gain (dBi)	17.4±0.8	17.7±0.6	18±0.6	18.2±0.5
Horizontal beamwidth (°)	68±6	68±5	65±4	60±3
Vertical beamwidth (°)	6.9±0.7	6.1±0.6	5.5±0.5	4.9±0.4
Front-to-back ratio (dB)	>28	>28	>28	>28
Cross-polar ratio (dB)	>16(0°)	>16(0°)	>15(0°)	>16(0°)
Electrical downtilt (°)	2~12			
Sidelobe suppression (dB) (First sidelobe above main beam)	>17	>16	>16	>15
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2×43dBm carrier)	≤-153 dBc			
Impedance (Ω)	50			
Max. power per input (W)	200			
RET Model	TRCU-TM10P1V01(Replaceable, integrated)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	Dc Ground			

Mechanical specifications

Connector	3×2×4.3-10 Female
Connector position	Bottom
Height×width×depth (mm)	1630×Φ250
Packing size (mm)	1770×415×415
Antenna weight (kg)	25
Packing weight (kg)	30.5
Wind load (N,at 150km/h) Frontal/Lateral/rearside	600/600/600
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	White
Mechanical tilt (°)	0
Operating temperature (°C)	-40~60



1710~2690MHz

