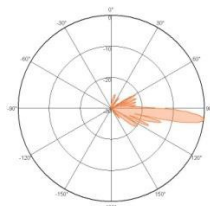


XXXPol 1710~2170MHzx3 Triple Beam 30° 21.7dBi Manual or by optional RCU (Remote Control Unit)

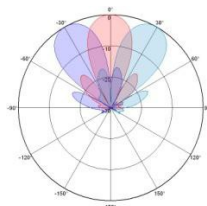
Antenna

Electrical specifications			
Frequency Range(MHz)	1710~2170 x3		
	1710~1880	1880~1920	1920~2170
Polarization	±45°		
Gain (dBi)	20.5 (0°Beam) 20 (±30°Beam)	21.2 (0°Beam) 20.5 (±30°Beam)	21.7 (0°Beam) 21 (±30°Beam)
Horizontal 3dB beamwidth (°)	24 (0° Beam) 28 (±30°Beam)	23 (0° Beam) 26 (±30°Beam)	21 (0° Beam) 24 (±30°Beam)
Vertical 3dB beamwidth (°)	7.2	6.8	6.3
Front-to-back ratio (dB)	≥27		
Beam isolation(dB)	≥18		
Cross-polar ratio (dB)	≥15(main direction)		
Electrical downtilt (°)	3~13		
Sidelobe suppression (dB) (First sidelobe above main beam)	3°...8°...13° 19...18...16		
VSWR	≤1.45		
Isolation: intra-system (dB)	≥28		
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc		
Impedance (Ω)	50		
Max. power per input (W)	200		
RET Model	TY-ICUB20 (Replaceable, Not included)		
RET Protocol	AISG 2.0 SRET		
Lightning protection	DC Ground		

Mechanical specifications	
Connector	6×7/16DIN-Female
Connector position	Bottom
Heightxwidthxdepth (mm)	1460×398×105
Packing size (mm)	1785×475×181
Antenna weight (kg)	24
Installation kit weight (kg)	5.5
Packing weight (kg)	32.5
Wind loading area (m2)	0.55
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	692/150/730
Max. wind velocity (km/h)	216
Radome material	Fiberglass
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~60
Mounting hardware (mm)	Φ50~Φ115



Vertical Pattern



Horizontal Pattern

