

XXXPol 1710~2690MHz×3 65° 18dBi 0°~10° Manual or by optional RCU (Remote Control Unit)

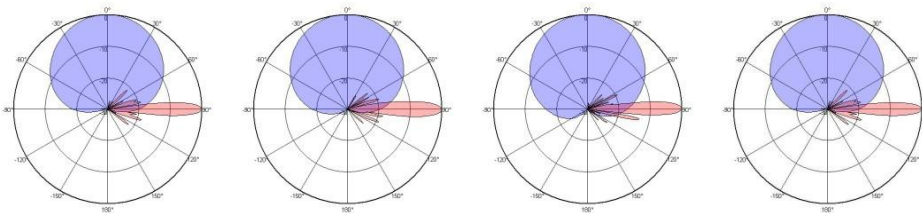
Antenna

Electrical specifications

Frequency Range(MHz)	1710~2690 × 3			
	1710~1880	1920~2200	2200~2500	2500~2690
Polarization	±45°			
Gain (dBi)	17.3	17.5	17.5	18
Horizontal 3dB beamwidth (°)	65	67	65	63
Vertical 3dB beamwidth (°)	7.5	6.4	6	5.6
Front-to-back ratio (dB)	≥25			
Cross-polar ratio (dB)	≥15(±60°Typical≥10)			
Electrical downtilt (°)	0~10			
Sidelobe suppression (dB) (First sidelobe above main beam)	0°...5°...10° 15...15...14	0°...5°...10° 15...15...14	0°...5°...10° 15...15...13	0°...5°...10° 15...15...13
VSWR	<1.5			
Isolation: intra-system (dB)	≥28			
Intermodulation IM3 (2x43dBm carrier)	≤-150dBc			
Impedance (Ω)	50			
Max. power per input (W) @50°C	200			
RET Model	TY-ICUB20 (Replaceable, Not Included)			
RET Protocol	AISG 2.0 SRET			
Lightning protection	DC Ground			

Mechanical specifications

Connector	6x7/16DIN-Female
Connector position	Bottom
Height×width×depth (mm)	1360×398×105
Packing size (mm)	1760×475×181
Antenna weight (kg)	19.5
Installation kit weight (kg)	5.6
Packing weight (kg)	28
Wind load (N,at 150km/h) Frontal/Lateral/Rearside	677/186/714
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



1710~1880MHz

1920~2200MHz

2200~2500MHz

2500~2690MHz

