



Kenbotong Technology Co., Ltd.

6-Port Antenna Integrated RET

XXXPOL 880-960MHz/1710-2170MHz*2 65° /65° 15dBi/18dBi 0-14° /0-10°

Electrical specifications

Model	KBT65DP151818-0820AE-LI			
Freq. range(MHz)	880-960	1710-1880	1850-1990	1920-2170
Polarization	±45°			
Gain(dBi)	14.2	16.8	17.3	17.2
Electrical downtilt(°)	0-14	0-10		
HBW(°)	65	68	65	62
VBW(°)	17	8.5	8	7.5
First upper side lobe suppression(dB)	15			
Front to back ratio(dB)	≥25			
Cross polar discrimination(dB)	≥15（±60° ≥8）			
Isolation(dB)	≥28			
Impedance(Ω)	50			
VSWR	≤1.5			
Intermodulation IM3(dBc)	≤-150(2*43dBm)			
Maximum power(W)	300	250		
Ground	DC Grounding			

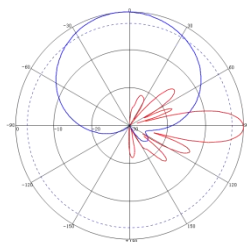
Mechanical specifications

Connector	6*7/16DIN Female
Connector position	Bottom
Antenna size(mm)	1390*385*138
Packing size(mm)	1630*450*250
Weight(Kg)	14.5
Bracket Weight(Kg)	4
Radome material and color	UPVC/Gray
Mechanical tilt(°)	0-12
Operating temperature(°C)	-40-60
Rated wind velocity(m/s)	60
Suitable pole diameter(mm)	$\Phi 50$ - $\Phi 115$
Mounting kit	JM-900DZA
Electrical downtilt adjustmen	Integrated RET
RCU model	KRCU20D

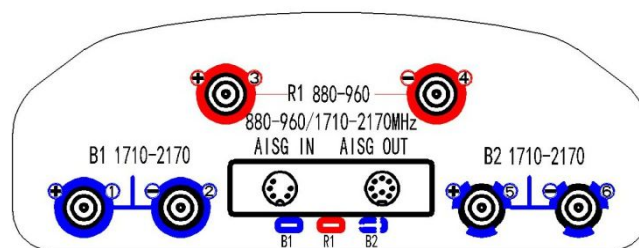
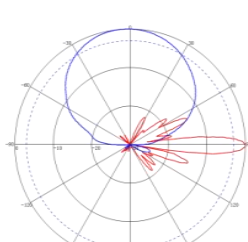
Note: The height includes the caps, the width and thickness do not contain the caps.

Typical pattern

880-960MHz



1710-2170MHz



Kenbotong reserves the right to change specifications without prior notice. 3023700

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