



Kenbotong Technology Co., Ltd.

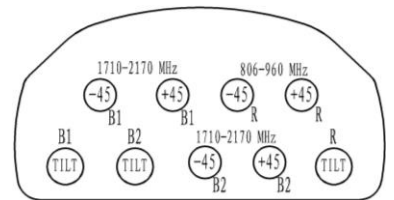
Multi-band Panel	806~960	1710~2170	1710~2170
Dual Polarization	X	X	X
Half-power Beam Width	65°	62°	62°
Variable Electrical Downtilt	0°-14°	0°-15°	0°-15°

XXXPo1 806~960/1710~2170/1710~2170MHz 65/62/62° 15/15/15dBi 0° -14° /0° -15° /0° -15° Tilt

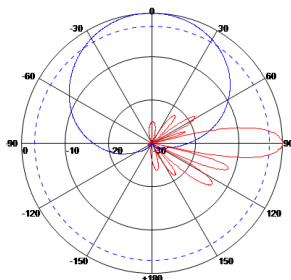
Electrical specifications	KBT65DP151515-0820BE				
Frequency range (MHz)	806~896	870~960	1710~1880	1850~1990	1920~2170
Polarization	±45°				
Gain (dBi)	2×14.3	2×14.5	Up 2×14.1 Down 2×14.3	Up 2×14.3 Down 2×14.5	Up 2×14 Down 2×14.2
Electrical Downtilt (°)	0~14		0~15		
Half-power beam width (°)	Hor.:67 Ver.:13.5	Hor.:63 Ver.:12.5	Hor.:64 Ver.:13	Hor.:60 Ver.:12	Hor.:62 Ver.:11
Sidelobe suppression for first sidelobe above main beam (dB)	0°...7°...14° 15...15...15		0°...8°...15° 15...15...15		
Front-to-back ratio (dB)	≥25				
Cross-polar discrimination (dB)	≥15(±60°≥10)				
Isolation (dB)	≥28				
Impedance (Ω)	50				
VSWR	≤1.5				
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc				
Maximum power (W)	300				
Lighting protection	DC Ground				



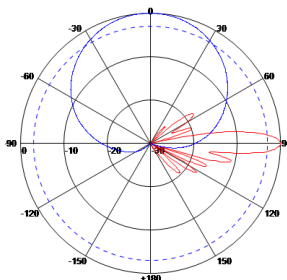
Mechanical specifications	
Connector	6×7/16DIN Female
Connector position	Bottom
Height/width/depth (mm)	1650×270×137
Packing size (mm)	1950×380×230
Weight (kg)	21
Radome material	UPVC
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Rated wind velocity (m/s)	60
Suitable pole diameter (mm)	50~110
Mounting kit	JM-900CZ
Electrical downtilt adjustment	Manual or by optional RCU



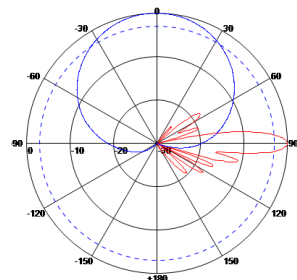
806~960MHz: ±45° Pol.



1710~2170MHz: ±45° Pol.



1710~2170MHz: ±45° Pol.



5.39.6.4857

Kenbotong reserves the right to change specifications without prior notice.

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