



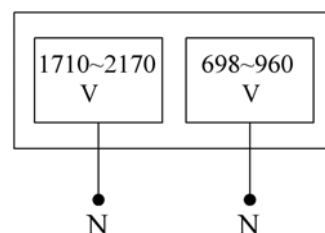
KENBOTONG COMMUNICATION LTD.

Multi-band Panel	698~960	1710~2170
Vertical Polarization	V	V
Half-power Beam Width	90°	90°
Fixed Electrical Downtilt	0°	0°

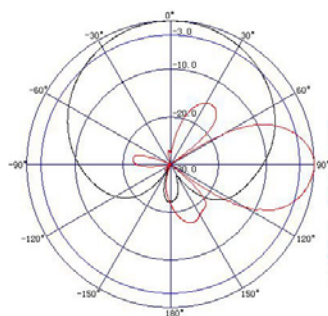
VVPol 698~960/1710~2170MHz 90° 11/14dBi 0° /0° Tilt

Electrical specifications	KBT90VP1114-0722RT0	
Frequency range (MHz)	698~960	1710~2170
Polarization	Vertical	
Gain (dBi)	11	14
Electrical Downtilt (°)	0	0
Half-power beam width (°)	Horizontal:90 Vertical:30	Horizontal:90 Vertical:15
Sidelobe suppression for first sidelobe above main beam (dB)	N/A	N/A
Front-to-back ratio (dB)	≥23	≥23
Cross-polar discrimination (dB)	N/A	
Impedance (Ω)	50	
VSWR	≤1.5	≤1.5
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc	
Maximum power (W)	400	200

Mechanical specifications	
Connector	2×N Female
Connector position	Bottom
Height/width/depth (mm)	1270×270×137
Packing size (mm)	1370×350×250
Weight (kg)	9.5
Radome material	UPVC
Radome color	Gray
Mechanical tilt (°)	0~14
Operating temperature (°C)	-40~60
Rated wind velocity (m/s)	60
Suitable pole diameter (mm)	50~75
Mounting kit	JM-VA1



698~960MHz: VPol.



1710~2170MHz: VPol.

