



KENBOTONG COMMUNICATION LTD.

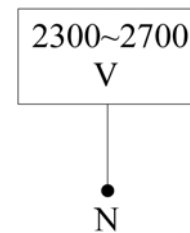
Wide-band Panel	2300~2700
Vertical Polarization	V
Half-power Beam Width	120°
Fixed Electrical Downtilt	0°

VPol 2300~2700MHz 120° 13dBi 0° Tilt

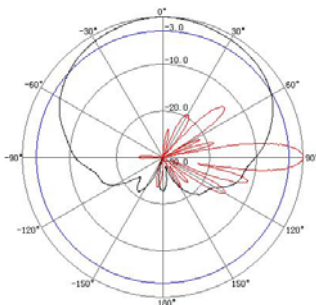
Electrical specifications	KBT120VP13-2327RT0	
Frequency range (MHz)	2300~2500	2500~2700
Polarization	Vertical	
Gain (dBi)	12.5	13
Electrical Downtilt (°)	0	
Half-power beam width (°)	Horizontal:115 Vertical:9.5	Horizontal:120 Vertical:9
Sidelobe suppression for first sidelobe above main beam (dB)	≥15	
Front-to-back ratio (dB)	≥20	
Impedance (Ω)	50	
VSWR	≤1.5	
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc	
Maximum power (W)	200	



Mechanical specifications	
Connector	N Female
Connector position	Bottom
Height/width/depth (mm)	720×128×56
Packing size (mm)	850×230×160
Weight (kg)	2.5
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)	35~75
Mounting kit	JM-2400RZ



2300~2500MHz: VPol.



2500~2700MHz: VPol

