



KENBOTONG COMMUNICATION LTD.

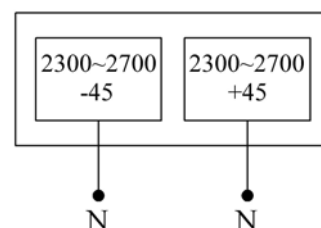
Wide-band Panel	2300~2700
Dual Polarization	X
Half-power Beam Width	65°
Fixed Electrical Downtilt	0°

XPo1 2300~2700MHz 65° 12dBi 0° Tilt

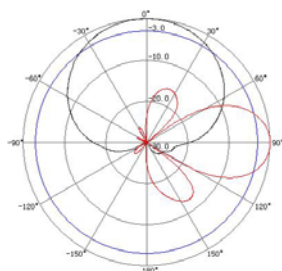
Electrical specifications	KBT65DP12-2327RT0	
Frequency range (MHz)	2300~2500	2500~2700
Polarization	$\pm 45^\circ$	
Gain (dBi)	2×11.5	2×12
Electrical Downtilt ($^\circ$)	0	
Half-power beam width ($^\circ$)	Horizontal:65 Vertical:30	Horizontal:63 Vertical:28
Sidelobe suppression for first sidelobe above main beam (dB)	N/A	
Front-to-back ratio (dB)	≥ 25	
Cross-polar discrimination (dB)	$\geq 15(\pm 60^\circ \geq 10)$	
Isolation (dB)	≥ 30	
Impedance (Ω)	50	
VSWR	≤ 1.5	
Intermodulation IM3 ($2 \times 43\text{dBm}$ carrier)	$\leq -150\text{dBc}$	
Maximum power (W)	200	
Lighting protection	DC Ground	



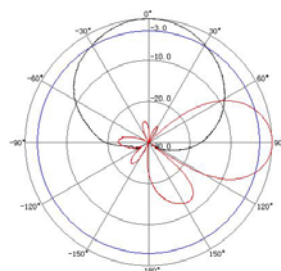
Mechanical specifications	
Connector	$2 \times \text{N Female}$
Connector position	Bottom
Height/width/depth (mm)	$280 \times 128 \times 56$
Packing size (mm)	$400 \times 230 \times 160$
Weight (kg)	1
Radome material	UPVC
Radome color	Gray
Mechanical tilt ($^\circ$)	0~15
Operating temperature ($^\circ\text{C}$)	-40~60
Rated wind velocity (m/s)	60
Suitable pole diameter (mm)	35~75
Mounting kit	JM-2400RZ1



2300~2500MHz: $\pm 45^\circ$ Polarization



2500~2700MHz: $\pm 45^\circ$ Polarization



5.39.6.3386

Kenbotong reserves the right to change specifications without prior notice.

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