



Dual-band Panel	824~960
Vertical Polarization	V
Half-power Beam Width	105°
Fixed Electrical Downtilt	0°

VPol 824~960MHz 105° 16dBi 0° Tilt

Electrical specifications	KBT105VP16-0809AT0	
Frequency range (MHz)	824~896	870~960
Polarization	Vertical	
Gain (dBi)	15.5	16
Electrical Downtilt (°)	0	
Half-power beam width (°)	Horizontal:105 Vertical:8	Horizontal:108 Vertical:7.5
Sidelobe suppression for first sidelobe above main beam (dB)	≥15	
Front-to-back ratio (dB)	≥20	
Impedance (Ω)	50	
VSWR	≤1.4	
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc	
Maximum power (W)	500	
Lighting protection	DC Ground	

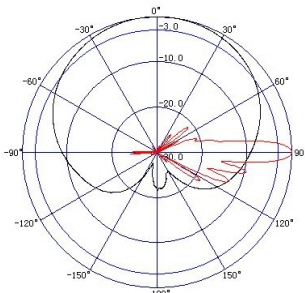
Mechanical specifications	
Connector	7/16DIN Female
Connector position	Bottom
Height/width/depth (mm)	2530×270×137
Packing size (mm)	2800×330×220
Weight (kg)	20
Radome material	UPVC
Radome color	Gray
Mechanical tilt (°)	0~10
Operating temperature (°C)	-40~60
Rated wind velocity (m/s)	60
Suitable pole diameter (mm)	50~115
Mounting kit	JM-900BZ



824~960
V

7/16

824~896MHz: VPol



870~960MHz: VPol

