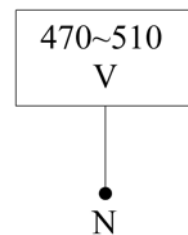
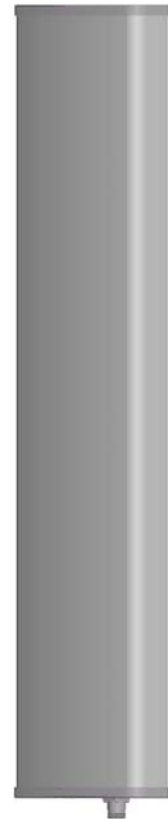




VPol 470~510MHz 90° 11dBi 0° Tilt

Electrical specifications	KBT90VP11-05RT0-A
Frequency range (MHz)	470~510
Polarization	Vertical
Gain (dBi)	11
Electrical Downtilt (°)	0
Half-power beam width (°)	Horizontal:90 Vertical:32
Sidelobe suppression for first sidelobe above main beam (dB)	N/A
Front-to-back ratio (dB)	≥20
Impedance (Ω)	50
VSWR	≤1.5
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc
Maximum power (W)	500
Lighting protection	DC Ground

Mechanical specifications	
Connector	N Female
Connector position	Bottom
Height/width/depth (mm)	1030×280×125
Packing size (mm)	1120×380×250
Weight (kg)	7.5
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)	50~75
Mounting kit	JM-VA1



470~510MHz: VPol

