

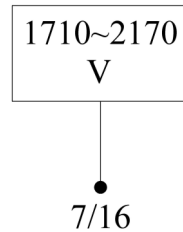


**VPol 1710~2170MHz 90° 15dBi 0° Tilt**

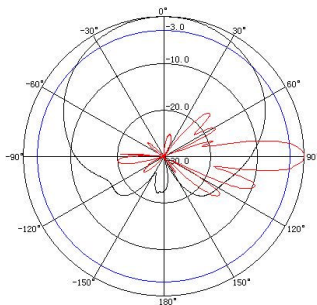
<b>Electrical specifications</b>	<b>KBT90VP15-1820AT0</b>		
Frequency range (MHz)	1710~1880	1850~1990	1920~2170
Polarization	Vertical		
Gain (dBi)	14.5	14.5	15
Electrical Downtilt (°)	0		
Half-power beam width (°)	Horizontal:90 Vertical:11	Horizontal:89 Vertical:10.5	Horizontal:88 Vertical:10
Sidelobe suppression for first sidelobe above main beam (dB)	≥15		
Front-to-back ratio (dB)	≥23		
Impedance (Ω)	50		
VSWR	≤1.4		
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc		
Maximum power (W)	200		
Lighting protection	DC Ground		



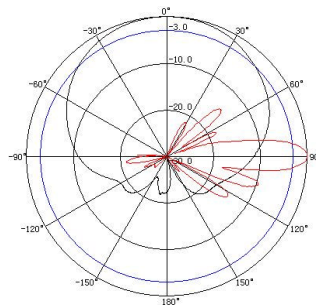
<b>Mechanical specifications</b>	
Connector	7/16DIN Female
Connector position	Bottom
Height/width/depth (mm)	800×160×80
Packing size (mm)	910×210×150
Weight (kg)	5.9
Radome material	UPVC
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Rated wind velocity (m/s)	60
Suitable pole diameter (mm)	50~115
Mounting kit	JM-1800BZ



**1710~1880MHz: VPol.**



**1850~1990MHz: VPol.**



**1920~2170MHz: VPol.**

