

**KBT**

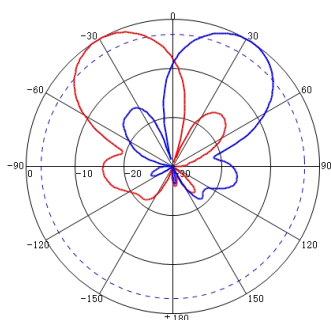
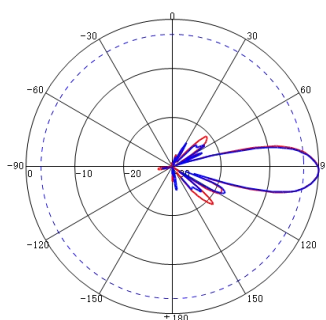
XXXXPol, 1710-2170MHz*4 33° 18dBi 0-10°
Integrated RET (Remote Control Unit) Antenna

KB30D1720A8-18F-IJ**Electrical specifications**

Frequency range (MHz)	1710-2170		
	1710-1880	1850-1990	1920-2170
Polarization	$\pm 45^\circ$		
Gain (dBi)	17 $\pm$ 0.6	17.6 $\pm$ 0.6	17.8 $\pm$ 0.6
Electrical Downtilt (°)	0-10		
Horizontal power beam width (°)	36 $\pm$ 3	34 $\pm$ 3	32 $\pm$ 3
Horizontal beam pointing (°)	+30 (B1,B2) ,-30 (B3,B4)		
Vertical power beam width (°)	≥ 11		
Front-to-back ratio (dB)	≥ 25		
1st Upper sidelobe suppression(dB)	≥ 15		
Cross-polar discrimination (dB)	≥ 15		
Isolation (dB)	≥ 25		
Impedance (Ω)	50		
VSWR	≤ 1.5		
Intermodulation IM3 (dBm)	$\leq -107(2*43\text{dBm carrier})$		
Maximum power (W)	250		
Lighting protection	DC Grounding		

Mechanical specifications

Connector	8*7/16 Female
Connector position	Bottom
Height/width/depth (mm)	1400*396*190
Packing size (mm)	1630*490*320
Antenna Weight (Kg)	17.8
Bracket weight(Kg)	4
Radome material	Fiberglass/Gray
Mechanical tilt(°)	0-15
Operating temperature (°C)	-40 to +60
Rated wind velocity (km/h)	200
Suitable pole diameter (mm)	$\Phi 50$ - $\Phi 115$
Mounting kit	JM-900DZA
Electrical downtilt adjustment	Integrated RET
RET model	KRCU20D

Horizontal plane direction diagram**Vertical plane direction diagram**

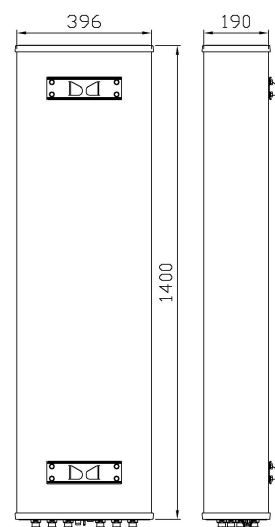


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Connector Position

Outline Drawing



Installation Sketch

