

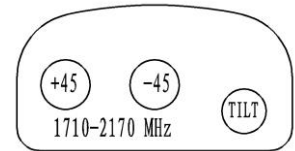


XPo1 1710~2170MHz 65° 14.5dBi 0° -15° Tilt

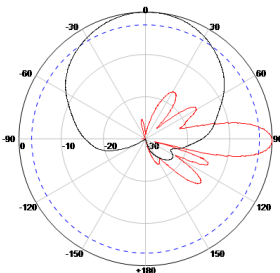
Electrical specifications	KBT65DP15-1820BE		
Frequency range (MHz)	1710~1880	1850~1990	1920~2170
Polarization	±45°		
Gain (dBi)	2×14.2	2×14.4	2×14.6
Electrical Downtilt (°)	0-15		
Half-power beam width (°)	Horizontal:68 Vertical:13.5	Horizontal:65 Vertical:13	Horizontal:62 Vertical:12.5
Sidelobe suppression for first sidelobe above main beam (dB)	0°...6°...12°...15° 15...15...14...12		
Front-to-back ratio (dB)	≥25		
Cross-polar discrimination (dB)	≥15(±60°≥10)		
Isolation (dB)	≥30		
Impedance (Ω)	50		
VSWR	≤1.5		
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc		
Maximum power (W)	300		
Lighting protection	DC Ground		



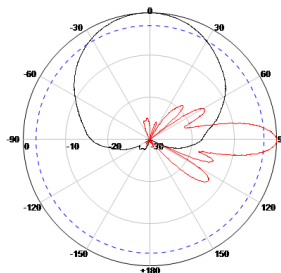
Mechanical specifications	
Connector	2×7/16DIN Female
Connector position	Bottom
Height/width/depth (mm)	730×160×80
Packing size (mm)	1010×250×180
Weight (kg)	7
Radome material	UPVC
Radome color	Gray
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Rated wind velocity (m/s)	60
Suitable pole diameter (mm)	50~115
Mounting kit	JM-1800CZ
Electrical downtilt adjustment	Manual or by optional RCU



1710~1880MHz: ±45° Pol.



1850~1990MHz: ±45° Pol.



1920~2170MHz: ±45° Pol.

