

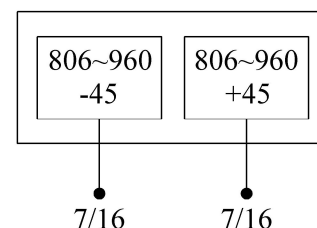
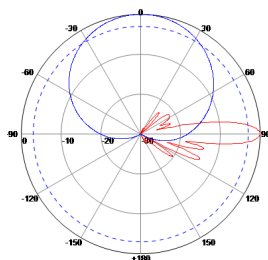


Wide-band Panel	806~960
Dual Polarization	X
Half-power Beam Width	65°
Variable Electrical Downtilt	0~8°

XPo1 806~960MHz 65° 17.5dBi 0~8° Tilt

Electrical specifications	KBT65DP18-0809CE	
Frequency range (MHz)	806~896	870~960
Polarization	$\pm 45^\circ$	
Gain (dBi)	2×17	2×17.5
Electrical Downtilt (°)	0~8	
Half-power beam width (°)	Horizontal:65 Vertical:8.5	Horizontal:65 Vertical:8.3
Sidelobe suppression for first sidelobe above main beam (dB)	0°...4°...8° 16...16...16	
Front-to-back ratio (dB)	≥ 25	
Cross-polar discrimination (dB)	$\geq 15(\pm 60^\circ \geq 10)$	
Isolation (dB)	≥ 30	
Impedance (Ω)	50	
VSWR	≤ 1.5	
Intermodulation IM3 (2×43dBm carrier)	$\leq -150\text{dBc}$	
Maximum power (W)	400	
Lighting protection	DC Ground	

Mechanical specifications	
Connector	2×7/16DIN Female
Connector position	Bottom
Height/width/depth (mm)	2530×270×137
Packing size (mm)	2780×380×230
Weight (kg)	24
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-900CZ

806~896MHz: $\pm 45^\circ$ Polarization870~960MHz: $\pm 45^\circ$ Polarization