



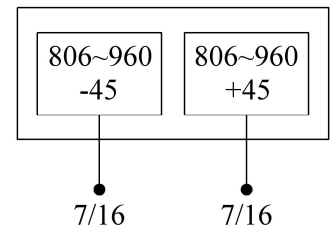
<b>Wide-band Panel</b>	<b>806~960</b>
<b>Dual Polarization</b>	<b>X</b>
<b>Half-power Beam Width</b>	<b>65°</b>
<b>Variable Electrical Downtilt</b>	<b>0°-14°</b>

**XPo1 806~960MHz 65° 15dBi 0° -14° Tilt**

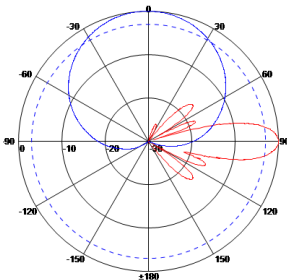
<b>Electrical specifications</b>	<b>KBT65DP15-0809CE</b>	
Frequency range (MHz)	806~896	870~960
Polarization	±45°	
Gain (dBi)	2×14.5	2×15
Electrical Downtilt (°)	0~14	
Half-power beam width (°)	Horizontal:65 Vertical:14	Horizontal:65 Vertical:13
Sidelobe suppression for first sidelobe above main beam (dB)	0°...7°...14° 16...15...16	
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)	400	
Lighting protection	DC Ground	



<b>Mechanical specifications</b>	
Connector	2×7/16DIN Female
Connector position	Bottom
Height/width/depth (mm)	1450×270×137
Packing size (mm)	1690×360×230
Weight (kg)	16
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-900BZ
Electrical downtilt adjustment	Manual or by optional RCU



**806~896MHz: ±45° Polarization**



**870~960MHz: ±45° Polarization**

