



**KENBOTONG COMMUNICATION LTD.**

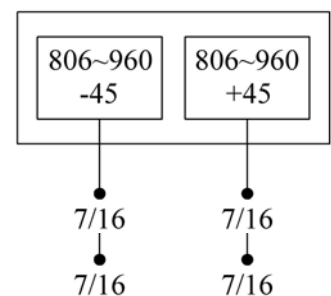
<b>Wide-band Panel</b>	806~960
<b>Dual Polarization</b>	X
<b>Half-power Beam Width</b>	65°
<b>Variable Electrical Downtilt</b>	10° -24°

806~960MHz 65° 14.5dBi 10° -24° Tilt

Electrical specifications	KBT65DP15-0809CE-A	
Frequency range (MHz)	806~896	870~960
Polarization	±45°	
Gain (dBi)	2×14	2×14.5
Electrical Downtilt (°)	10~24	
Half-power beam width (°)	Horizontal: 65 Vertical: 14	Horizontal: 65 Vertical: 13
Sidelobe suppression for first sidelobe above main beam (dB)	10°...15°...20°...24° 16 ... 15 ... 14 ... 12	
Front-to-back ratio (dB)	≥25	
Cross-polar discrimination (dB)	≥15 (±60° ≥8)	
Isolation (dB)	≥30	
Impedance (Ω)	50	
VSWR	≤1.5	
Intermodulation IM3 (2×43dBm carrier)	≤-150dBc	
Maximum power (W)	400	
Lighting protection	DC Ground	



Mechanical specifications	
Connector	2×7/16DIN 阴头
Connector position	底部
Height/width/depth (mm)	1450×270×137
Packing size (mm)	1690×360×230
Weight (kg)	16
Radome material	UPVC
Radome color	灰色
Mechanical tilt (°)	0~15
Operating temperature (°C)	-40~60
Rated wind velocity (m/s)	60
Suitable pole diameter (mm)	50~115
Mounting kit	JM-900CZ
Electrical downtilt adjustment	Manual or by optional RCU



806~896MHz: ±45° Polarization 870~960MHz: ±45° Polarization

