

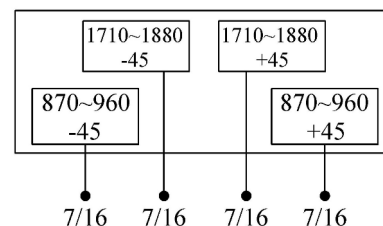
Multi-band Panel	870~960	1710~1880
Dual Polarization	X	X
Half-power Beam Width	65°	65°
Fixed Electrical Downtilt	0°	0°

XXPol 870~960/1710~1880MHz 65° 18/18dBi 0° /0° Tilt

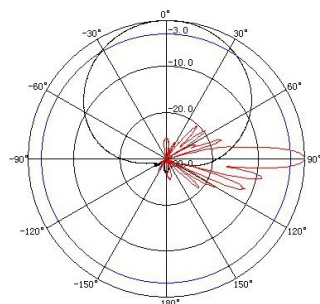
Electrical specifications	KBT65DP1818-0918AT0	
Frequency range (MHz)	870~960	1710~1880
Polarization	$\pm 45^\circ$	
Gain (dBi)	2×18	2×18
Electrical Downtilt (°)	0	0
Half-power beam width (°)	Horizontal:65 Vertical:6.5	Horizontal:65 Vertical:6.5
Sidelobe suppression for first sidelobe above main beam (dB)	≥ 16	≥ 15
Front-to-back ratio (dB)	≥ 25	≥ 25
Cross-polar discrimination (dB)	$\geq 15(\pm 60^\circ \geq 10)$	$\geq 15(\pm 60^\circ \geq 10)$
Isolation (dB)	≥ 30	≥ 28
Impedance (Ω)	50	
VSWR	≤ 1.4	≤ 1.4
Intermodulation IM3 (2×43dBm carrier)	$\leq -150\text{dBc}$	
Maximum power (W)	400	200
Lighting protection	DC Ground	



Mechanical specifications	
Connector	4×7/16DIN Female
Connector position	Bottom
Height/width/depth (mm)	2530×270×137
Packing size (mm)	2870×330×220
Weight (kg)	23
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-900BZ



870~960MHz: $\pm 45^\circ$ Pol.



1710~1880MHz: $\pm 45^\circ$ Pol.

