



# Kenbotong Technology Co., Ltd.

## 2-Port Antenna

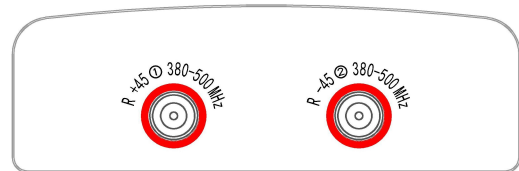
**XPOL 380-500MHz 65° 14dBi 0°**

### Electrical specifications

Model	KBT65DP14-045AT0	
Freq. range(MHz)	380-450	450-500
Polarization	$\pm 45^\circ$	
Gain(dBi)	13	13.5
Electrical downtilt( $^\circ$ )	0	
HBW( $^\circ$ )	$72 \pm 5$	$68 \pm 5$
VBW( $^\circ$ )	$28 \pm 2$	$26 \pm 2$
First upper side lobe suppression(dB)	15	
Front to back ratio(dB)	$\geq 23$	
Cross polar discrimination(dB)	$\geq 15$ ( $\pm 60^\circ \geq 8$ )	
Isolation(dB)	$\geq 25$	
Impedance( $\Omega$ )	50	
VSWR	$\leq 1.5$	
Maximum power(W)	400	
Ground	DC Grounding	

### Mechanical specifications

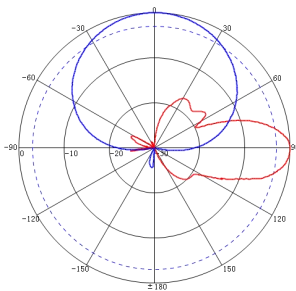
Connector	2*7/16DIN Female
Connector position	Bottom
Antenna size(mm)	1600×450×145
Packing size(mm)	1830×530×255
Weight(Kg)	18(antenna)
Bracket Weight(Kg)	4 (bracket)
Radome material and color	UPVC /Gray
Mechanical tilt( $^\circ$ )	0-15
Operating temperature( $^\circ\text{C}$ )	-40-60
Rated wind velocity(m/s)	60
Suitable pole diameter(mm)	$\Phi 50$ - $\Phi 115$
Mounting kit	JM-900DZA



Note:The height includes the caps,the width and thickness do not contain the caps.

### Typical pattern

380-450MHz



450-500MHz

