

B3052015-V01
Directional Antenna
X-Pol 2-port 14/15dBi 65°
380-450 / 450-500 Fixed Electrical Downtilt (3T)



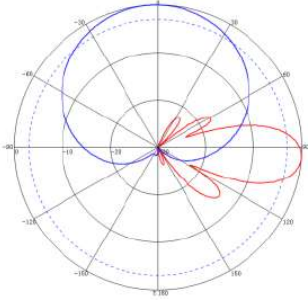
XPol Directional 380-450 / 450-500 14/15dBi 65° 3°T

Preliminary

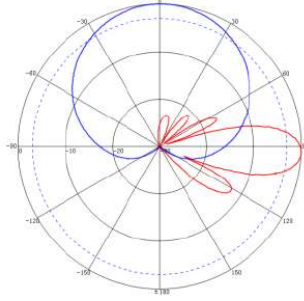
Type	B3052015-v01	
Frequency Range (MHz)	380-450	450-500
Gain (dBi)	14	14.5
VSWR	≤ 1.5	
3 rd Order PIM (dBc)	≤ -150 @ 2x43dBm	
Polarization	±45°	
Electrical Tilt (°)	3	
Horizontal Beamwidth (°)	72	68
Vertical Beamwidth (°)	19	17
Input Impedance (Ω)	50	
Max. Input Power (W)	500	
Front-to-Back Ratio (dB)	≥ 25	
1 st Sidelobe Suppression above Main Beam (dB)	≥ 15	
Cross-polar Discrimination (dB)	≥ 15 (±60°: ≥ 8)	
Isolation (dB)	≥ 28	
Lightning Protection	DC Grounded	
Connector Type	2 x 7/16 Female	
Connector Location	Bottom	
Dimension (mm)	2050 x 450 x 145	
Weight (kgs)	Antenna: 20 / Bracket: 4	
Radome Material	Fiberglass	
Mechanical Tilt (°)	0-10	
Rated Wind Velocity (km/h)	210	
Operating Temperature (°C)	-40 to +60	
Pole Size (mm)	Ø50 to Ø115	

(K)G4UB65162QE67UCL

B3052015-V01
Directional Antenna
X-Pol 2-port 14/15dBi 65°
380-450 / 450-500 Fixed Electrical Downtilt (3T)



380-450 ±45°



450-500 ±45°

