

B3052016-V01
Directional Antenna
X-Pol 2-port 14/14dBi 65° 380-450 / 450-500
Electrical Downtilt (0-14T) with Internal RET



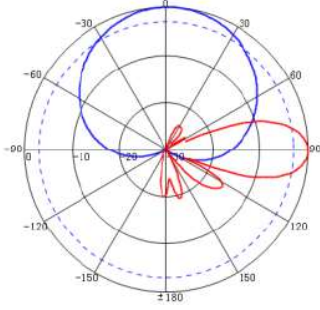
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Preliminary

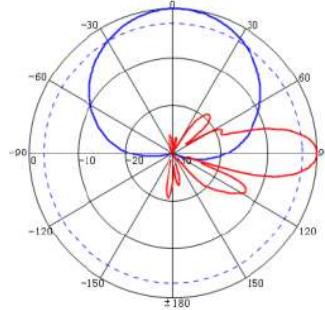
Type	B3052016-v01	
Frequency Range (MHz)	380-450	450-500
Gain (dBi)	13.5	14
VSWR	≤ 1.5	
3 rd Order PIM (dBc)	≤ -150 @ 2x43dBm	
Polarization	±45°	
Electrical Tilt (°)	0-14	
Horizontal Beamwidth (°)	70±4	67±3
Vertical Beamwidth (°)	20±2	18±2
Input Impedance (Ω)	50	
Max. Input Power (W)	500	
Front-to-Back Ratio (dB)	≥ 25	
Cross-polar Discrimination (dB)	≥ 15 (±60°: ≥ 8)	
Isolation (dB)	≥ 25	
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 (°)	0-11	
Rated Wind Velocity (km/h)	210	
Operating Temperature (°C)	-40 to +60	
Pole Size (mm)	Ø50 to Ø115	
RET	Internal RET (comply with AISG2.0/3GPP)	

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380-450 $\pm 45^\circ$



450-500 $\pm 45^\circ$

