



GENERAL

Application	For Indoor & Outdoor usage
Antenna Type	Directional
Mount Included	Ø35-65mm pole

ELECTRICAL

Frequency Range (MHz)	698-960	1710-2700
Band	8/20/28L/28U	1/3/7/40
Max Gain (dBi)	6.5	8
Horizontal Beamwidth	80°±5°	65±5°
Vertical Beamwidth	70°±5°	55°±5°
VSWR	≤2.0	≤1.8
Polarization	±45	
Antenna Array Characteristic	MIMO	
Front to Back Ratio	> 10 dB	> 15 dB
Input Impedance	50Ω	
Input Power Max	50W (46.99dBm)	

MECHANICAL

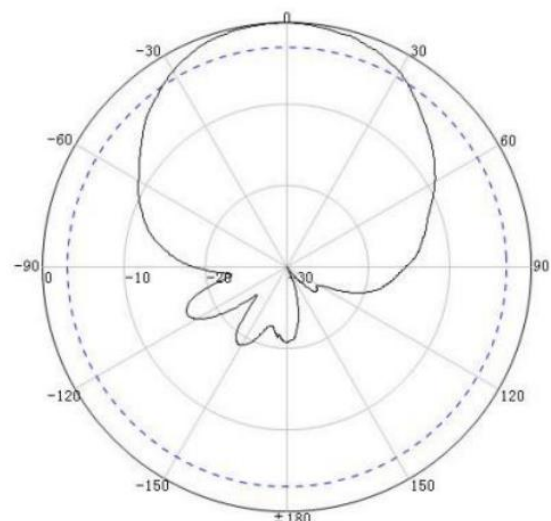
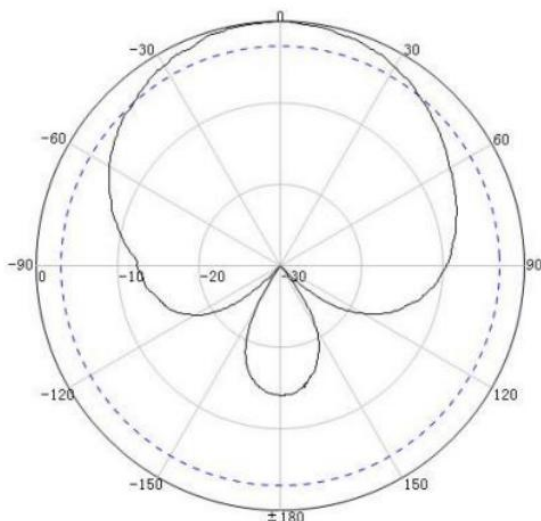
RF Connector Interface	SMA-Male
Adapter included	2x SMA-Female QMA-Male
Cable	3m Black LMR240
Radome Color / Material	White / ABS
Dimension (mm)	320 x 200 x 70mm
Weight	1.1kg without bracket

ENVIROMENTAL

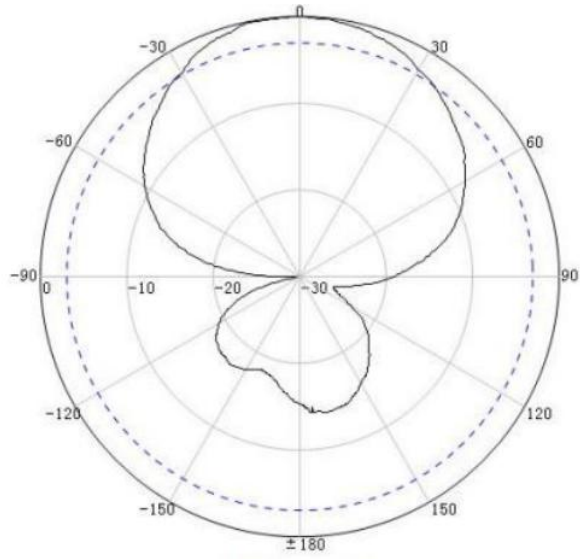
Operating Temperature	-55 °C to +60 °C
IP Rating	IP65
Relative Humidity	Up to 95 %
Rated Wind Velocity	130 km/h
RoHS	Compliant

RADIATION PATTERN

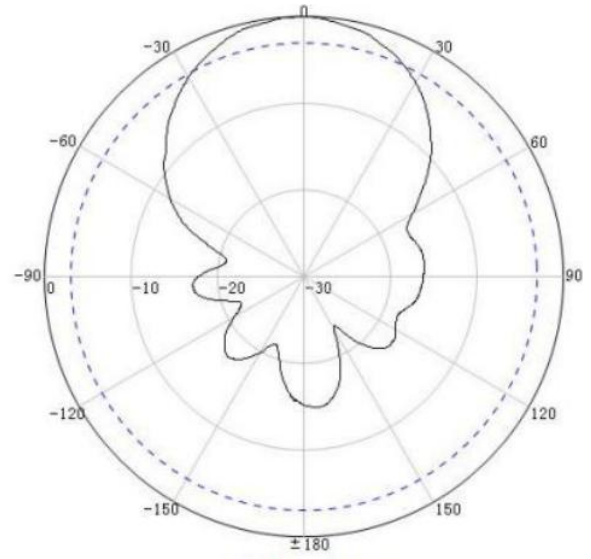
Horizontal



Vertical



900MHz



1800MHz