

### Electrical Specifications

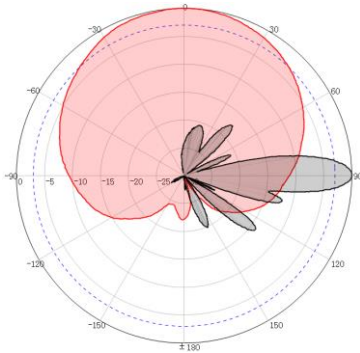
Item No.		AB5150-5850X16i90A	
Frequency Range		MHz	5150-5850
Gain		dBi	16.0±1
Polarization			±45
Beam width	Horizontal	deg	90
	Vertical		7
Front-To-Back Ratio		dB	≥ 22
Isolation		dB	≥20
VSWR			≤2.0:1
Maximum Power		W	100
Impedance		Ω	50
Lightning Protection			Direct Ground

### Mechanical Specifications

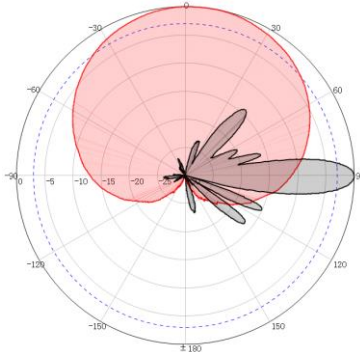
Dimensions, HxWxD	mm	500x280x85
Weight, without Mounting Kit	kg	4.8
Radome Material		UV-PVC
Connector Type		4* N-Female
Mounting hardware	mm	Φ40~Φ80
Maximum Wind Velocity	km/h	210
Operational Temperature	oC	-40 to +60
Operational Humidity	%	< 95

### Radiation Patterns

**+45°  
pattern**



**-45°  
pattern**



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