

Electrical Specifications

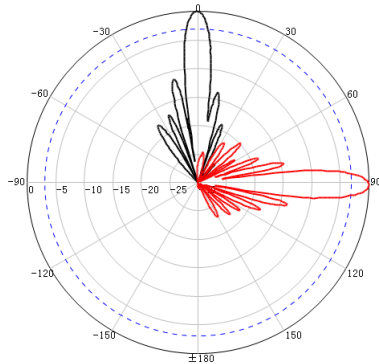
Item No.		AB4900-5850L25i8A	
Frequency Range		MHz	4900-5850
Gain		dBi	25.0±1
Polarization			H+V
Beam width	Horizontal	deg	8
	Vertical		8
Front-To-Back Ratio		dB	≥ 30
Isolation		dB	≥28
VSWR			≤2.0:1
Maximum Power		W	100
Impedance		Ω	50
Lightning Protection			Direct Ground

Mechanical Specifications

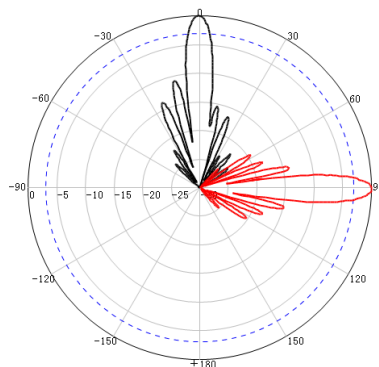
Dimensions, HxWxD		mm	378x378x25
Weight, without Mounting Kit		kg	2.8
Radome Material			UV-ABS
Connector Type			2* N-Female
Mounting hardware		mm	Φ30~Φ50
Maximum Wind Velocity		km/h	210
Operational Temperature		oC	-40 to +60
Operational Humidity		%	< 95

Radiation Patterns

Horizontal
/Vertical
pattern



Horizontal
/Vertical
pattern



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