EAG-5758-30

5.4~5.7GHz Grid Antenna

ELECTRICAL SPECIFICATION	
Frequency Range	5725~5850 MHz
Gain	30 dBi
VSWR	≤1.5
Horizontal Beamwidth	6 °
Vertical Beamwidth	4 °
F/B Ratio	>25dB
Polarization	Vertical or horizontal
Impedance	50 Ω
Maximum Input Power	100 W
Connector	N Female

*Theoretical wireless signal rate based on IEEE standard of 802.11 a, b, g chipset used. Actual throughput may vary. Network conditions and environmental factors lower actual throughput rate.
** All specifications are subject to change without notice

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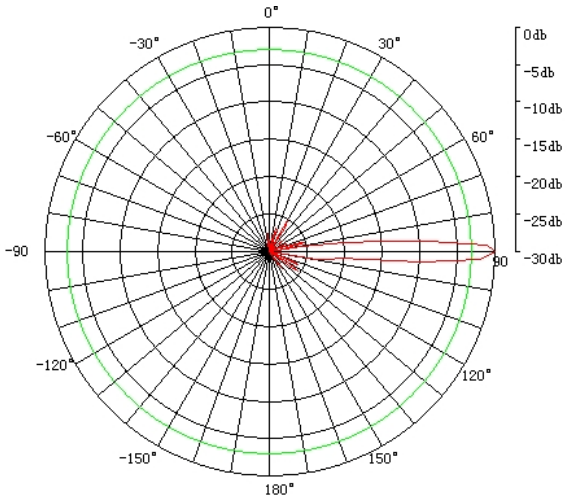
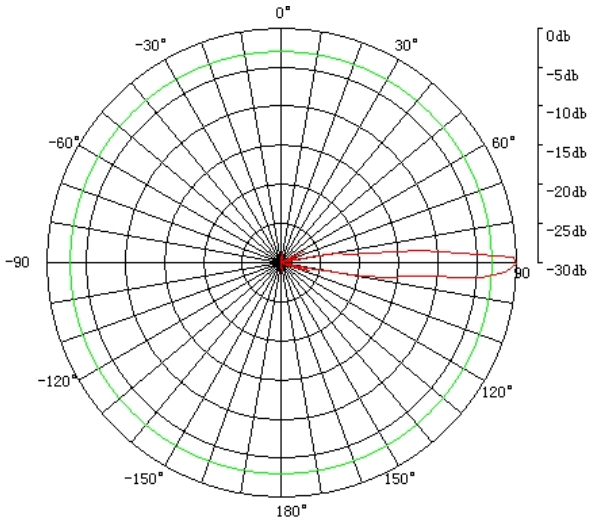
Datasheet
EAG-5758-30

MECHANICAL SPECIFICATION	
Antenna Dimension	600x900mm
Weight	3.75kg
Mounting Mast Diameter	Ø30~Ø50 mm
Rated Wind Velocity	241 km/h

Antenna Radiation Pattern



SPDP-5800-30-E



SPDP-5800-30-H

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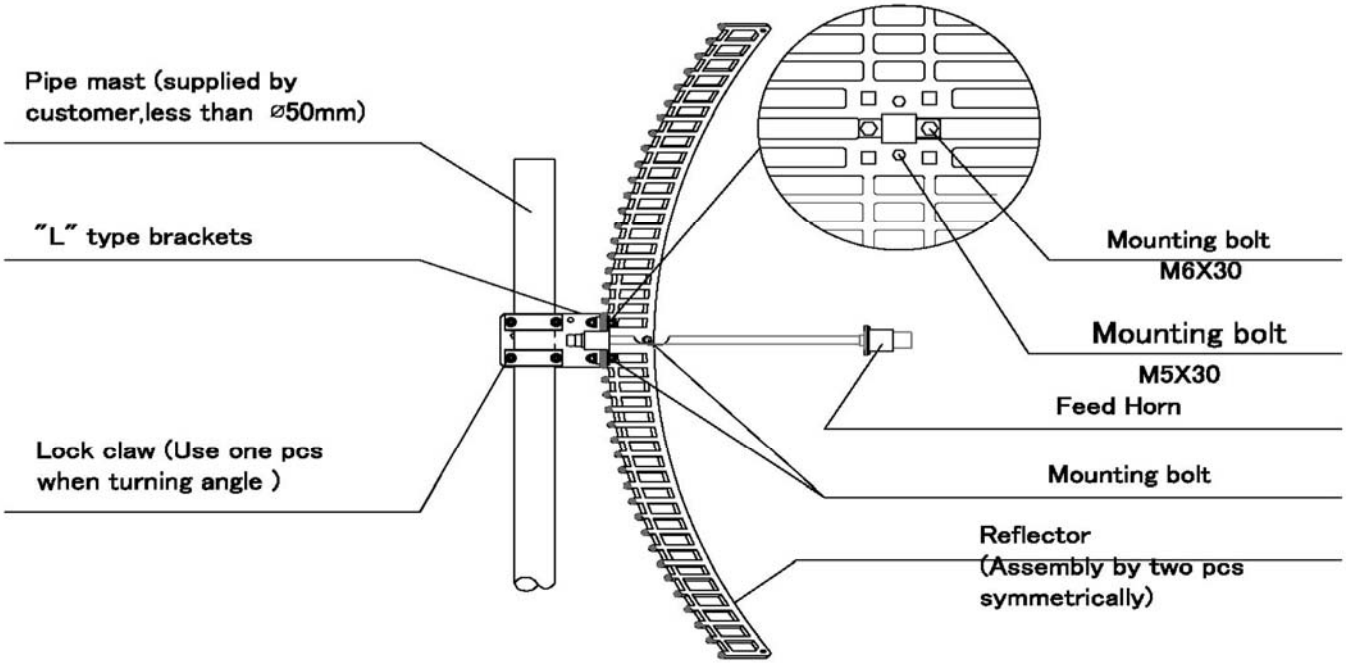
MOUNTING DIAGRAM



Installation :

1. Assembly the two pieces of reflector symmetrically
2. Mount the feed horn on the reflector according to the Mounting diagram. Make sure the feed dipoles polarization parallel with most bars of the grid reflector. When the feed dipoles polarization and most grid bars are vertical to the ground, the antenna is vertical polarized. When the feed dipoles polarization and most grid bars are horizontal to the ground, the antenna is horizontal polarized.
3. Mount the 'L' type bracket at the back of the reflector, then mount the antenna on the mast supplied by customer according to the Mounting diagram.
4. Test the antenna with equipment to make sure the antenna receive the best signal by turning the azimuth and pitching angle, then lock all the screws and seal the connector between antenna and cable.

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