

# EAO-5758-12

12dbi Indoor/Outdoor Omni Directional Antenna

• 5.8GHz



## PRODUCT SPECIFICATION

<b>Gain</b>	12 dBi
<b>Frequency Range (MHz)</b>	5725-5850
<b>VSWR</b>	≤ 1.5
<b>Polarization</b>	Vertical
<b>Horizontal Beamwidth-°</b>	360
<b>Vertical Beamwidth-°</b>	7
<b>Impedance (Ω)</b>	50
<b>Maximum input power (W)</b>	50
<b>Connector</b>	N-type / Female

## MECHANICAL SPECIFICATION

<b>Antenna Dimension</b>	Φ25x750
<b>Weight (Kg)</b>	0.5
<b>Radome Material</b>	Fiberglass
<b>Mounting Mast Diameter (mm)</b>	Ø30~ Ø50
<b>Operating Temperature-°C</b>	-40~60

EAO-5758-12 Datasheet Version 020511

\*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

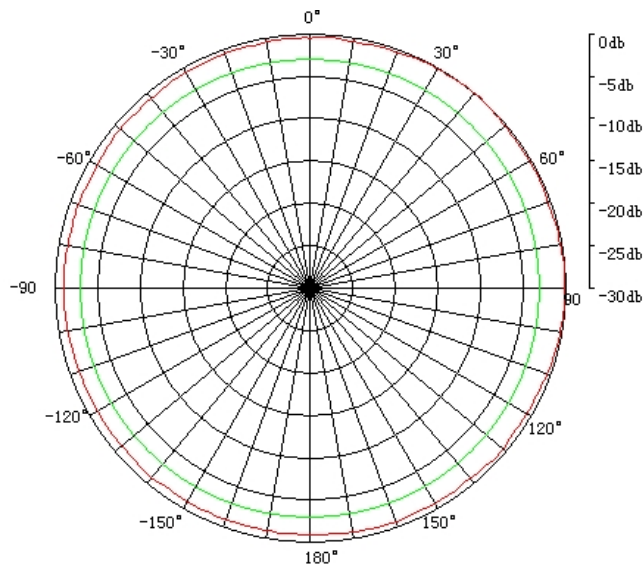
ACCESSORIES/ANTENNA  
**EAO-5758-12**

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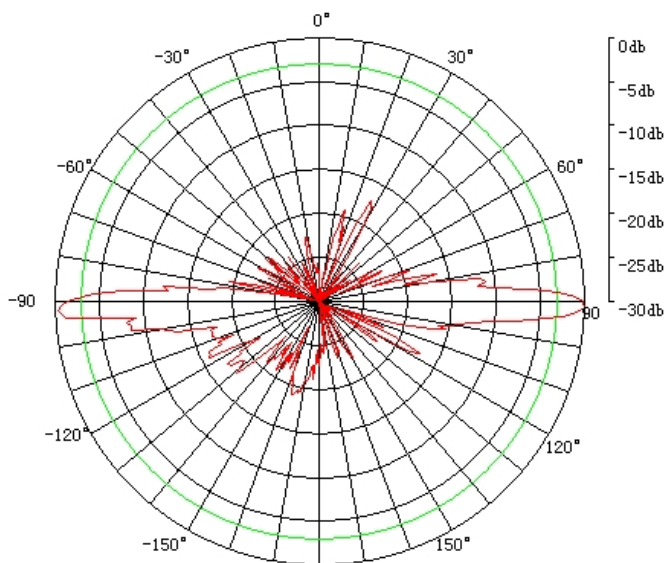
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Antenna Radiation Pattern



SPQ-5800-12-H



SPQ-5800-12-E

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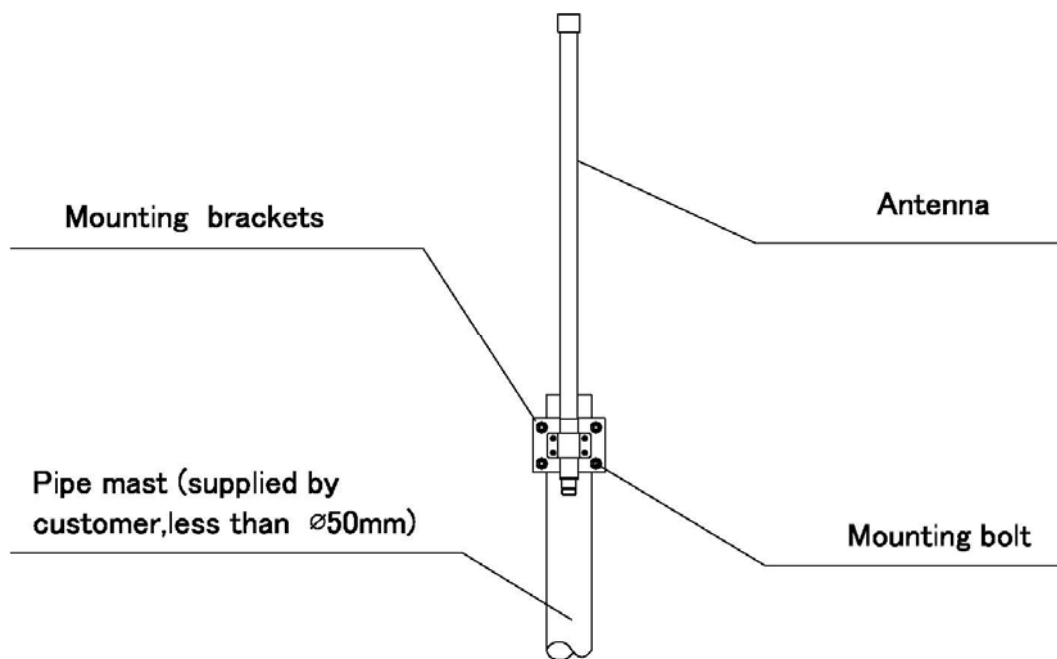
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**MOUNTING DIAGRAM**



**Installation :**

1. Mount the antenna on the mounting brackets according to the Mounting diagram. The antenna is vertical polarized. Make sure the antenna polarization is vertical to the ground.
2. Mount the antenna on the Mast supplied by customer according to the Mounting diagram.
3. Test the antenna with equipment to make sure the antenna receive the best signal, then lock all the screws and seal the connector between antenna and cable.

**Contact**

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