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860-930Mhz 5dBi Fiberglass Antenna
OKdo SKU:

Product Details

This outdoor rated fiberglass antenna will help achieve optimal transmission and reception when attached to IoT equipment. The slim pole design can easily be attached to multiple surfaces using the clamp set included in the kit that fits around the grooves in the metal end of the aerial.
Typically used at the gateway side of a network link, this range of OKdo antennas could also be used with remote devices if dimensions are suitable.





Features and Benefits

The outdoor antenna is manufactured from robust fiberglass which is naturally resistant to corrosion and weather deterioration with minimal degradation on the transmitted or received signal.

Kit Contents

Fiberglass antenna（The antenna color is gray by default）	X 1
Fitting kit	X 1
Cables	Sold separately

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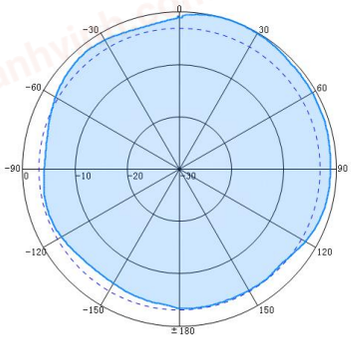
Internal

Technical Specifications

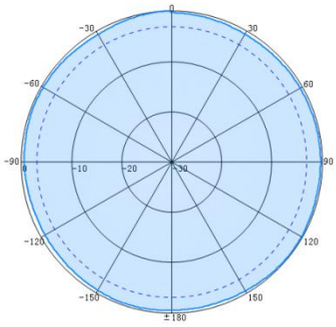
Electrical Specifications	
Frequency Rang	860-930MHz
Polarization	Vertical
Gain	5 ± 1d Bi
Horizontal Beam width	360°
Vertical Beam width	38°
VSWR	≤1.8
Nominal Impedance	50Ω
Maximum Power	50W
Mechanical Specifications	
Connector	N-J
Max. Wind Velocity	210km/h
Mounting Mast size	Φ30-50mm
Dimensions	Φ20x600mm
Weight	0.8KG
Operating Temperature	-40～+60℃

Internal

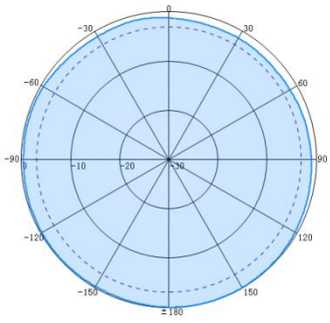
Approvals



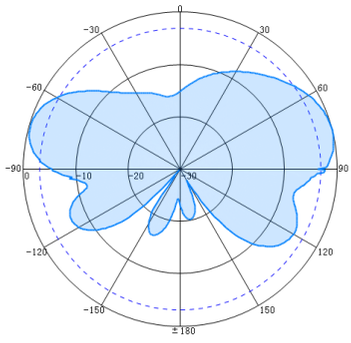
Freq:860MHz
Date:2021-11-05
Elevation:H-plane
Polar-Across:Main
Polarization:Vertical
Max:-39.16dB
HPBW(3dB):191.16°
Circularity:2.56



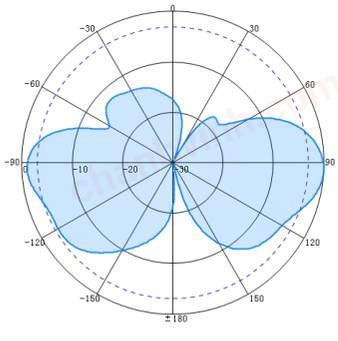
Freq:900MHz
Date:2021-11-05
Elevation:H-plane
Polar-Across:Main
Polarization:Vertical
Max:-37.22dB
HPBW(3dB):360.00°
Circularity:0.50



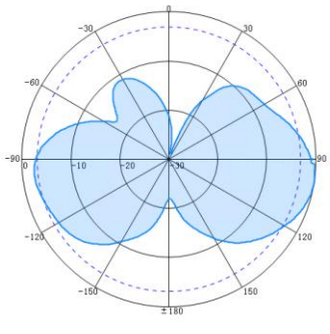
Freq:930MHz
Date:2021-11-05
Elevation:H-plane
Polar-Across:Main
Polarization:Vertical
Max:-39.29dB
HPBW(3dB):360.00°
Circularity:0.99



Freq:860MHz
Date:2021-11-05
Elevation:V-plane
Polar-Across:Main
Polarization:Vertical
Max:-35.68dB
HPBW(3dB):35.54°
Circularity:23.34



Freq:900MHz
Date:2021-11-05
Elevation:V-plane
Polar-Across:Main
Polarization:Vertical
Max:-37.99dB
HPBW(3dB):33.42°
Circularity:27.41



Freq:930MHz
Date:2021-11-05
Elevation:V-plane
Polar-Across:Main
Polarization:Vertical
Max:-40.67dB
HPBW(3dB):41.13°
Circularity:23.32

How to Install Product

This example shows how to attach the antenna to a pole



The antenna passes through the clip code and is fixed on the holding pole with U-shaped clip code

Technical Drawings

