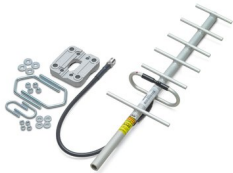


RAD-ISM-900-ANT-YAGI-10-N - Antenna



5606614
<https://www.phoenixcontact.com/us/products/5606614>

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Directional antenna 868 MHz / 900 MHz, gain: 12 dBi, polarization: linear, opening angle: h/v 56°/46°, degree of protection: IP65, connection: N (female), incl. mounting bracket and mast clips

Your advantages

- For point-to-point connections
- For large distances

Commercial data

Item number	5606614
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN23
Product key	DNC6A3
Catalog page	Page 390 (C-6-2019)
GTIN	4046356686419
Weight per piece (including packing)	1.7 g
Weight per piece (excluding packing)	1,208 g
Customs tariff number	85177000
Country of origin	US

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Technical data

Product properties

Product type	Antenna
Gain	12.15 dBi
Vertical beamwidth	46 °
Horizontal beamwidth	56 °
Polarization	Linear vertical or horizontal

Electrical properties

Frequency band	900 MHz
Frequency range	868 MHz ... 960 MHz
Impedance	50 Ω

Connection data

Connection technology	
Connection method	N (female) with cable (0.6 m)
Outside diameter	32 mm ... 60 mm (Mast)

Dimensions

Width	60.5 mm
Height	172 mm
Length	609.6 mm

External dimensions

Outside diameter	32 mm ... 60 mm (Mast)
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Material specifications

Material	Aluminum
	V2A
	V2A

Cable/line

Cable length	0.60 m
Connecting cable	yes

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 80 °C
Wind velocity	15.4321 km/h

Mounting

Mounting type	Mast mounting
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Connection method	N (female) with cable (0.6 m)
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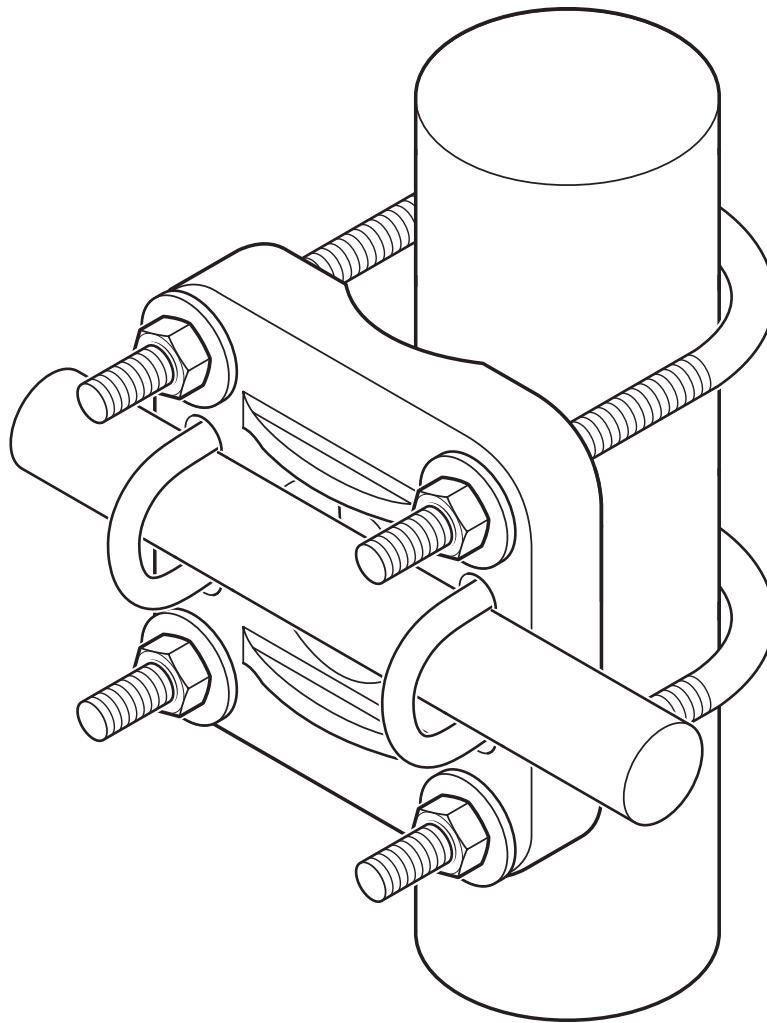


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Drawings

Schematic diagram

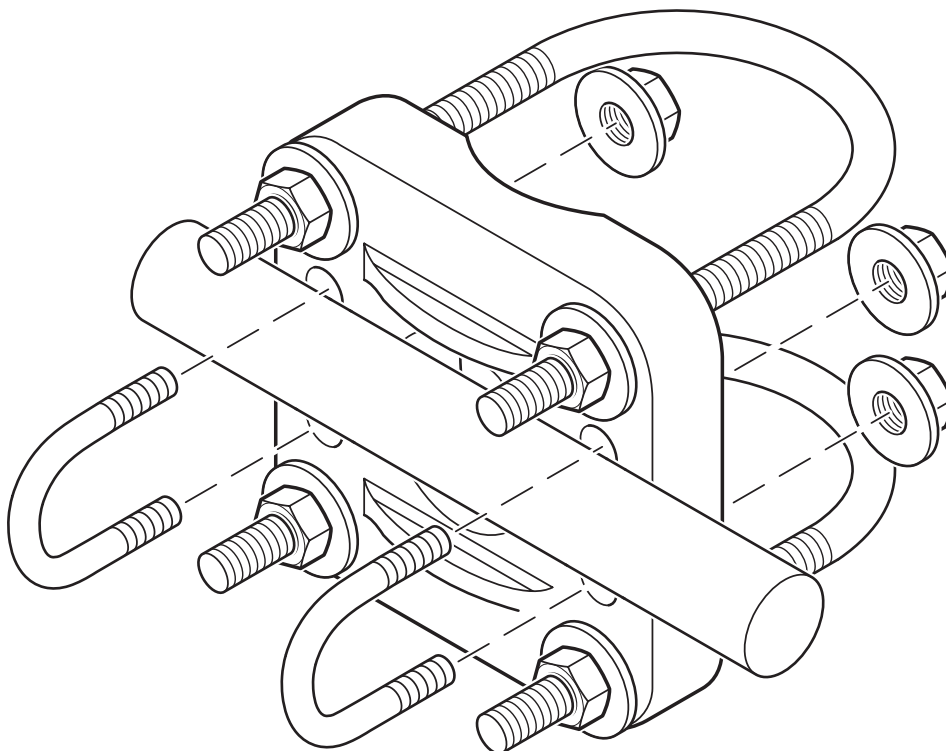


Mast mounting

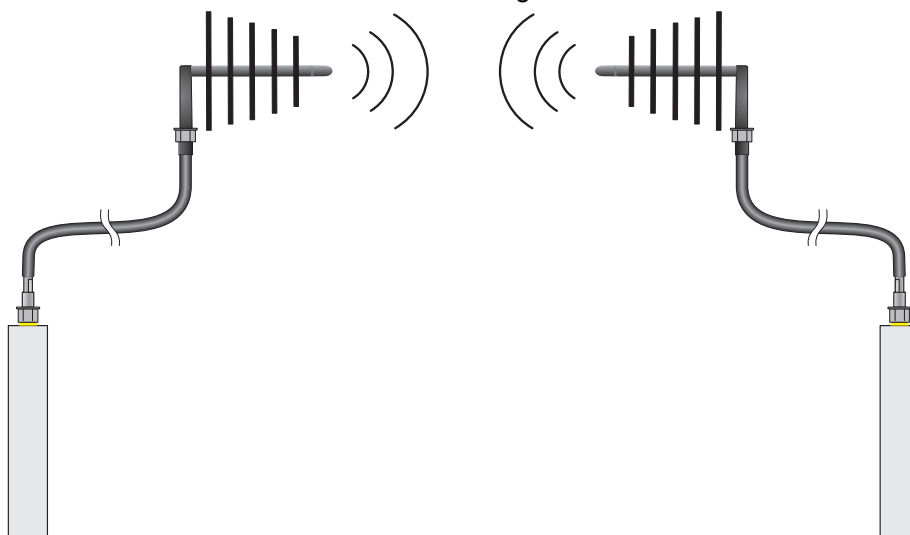
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Schematic diagram



Schematic diagram



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Classifications

ECLASS

ECLASS-11.0	19070105
ECLASS-12.0	19070105
ECLASS-13.0	19070105

ETIM

ETIM 8.0	EC001698
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UNSPSC

UNSPSC 21.0	43223100
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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