

RAD-ISM-900-ANT-YAGI-3-N - Antenna



2867801

<https://www.phoenixcontact.com/us/products/2867801>

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Directional antenna, 868 MHz / 900 MHz, gain: 5 dBi, polarization: linear, opening angle: h/v 168°/78°, degree of protection: IP65, connection: N (female), incl. mounting bracket and mast clips

Your advantages

- For stationary or linear mobile applications
- For point-to-point connections
- For large distances

Commercial data

Item number	2867801
Packing unit	1 pc
Sales key	DN23
Product key	DNC6A3
Catalog page	Page 395 (C-6-2019)
GTIN	4017918976668
Weight per piece (including packing)	1,277.8 g
Weight per piece (excluding packing)	1,205 g
Customs tariff number	85177100
Country of origin	US

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Technical data

Product properties

Product type	Antenna
Gain	5 dBi
Vertical beamwidth	78 °
Horizontal beamwidth	168 °
Polarization	Linear vertical or horizontal

Electrical properties

Frequency band	900 MHz
Frequency range	900 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	6 cm
Height	17 cm

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
Connection method	N (female) with cable (0.6 m)

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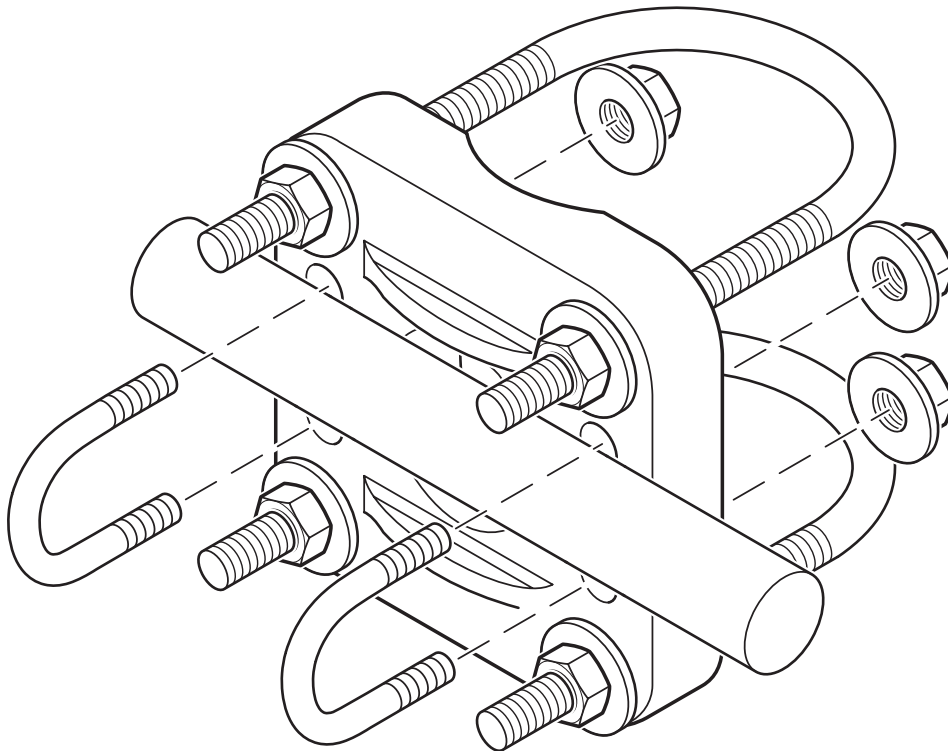


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Drawings

Schematic diagram



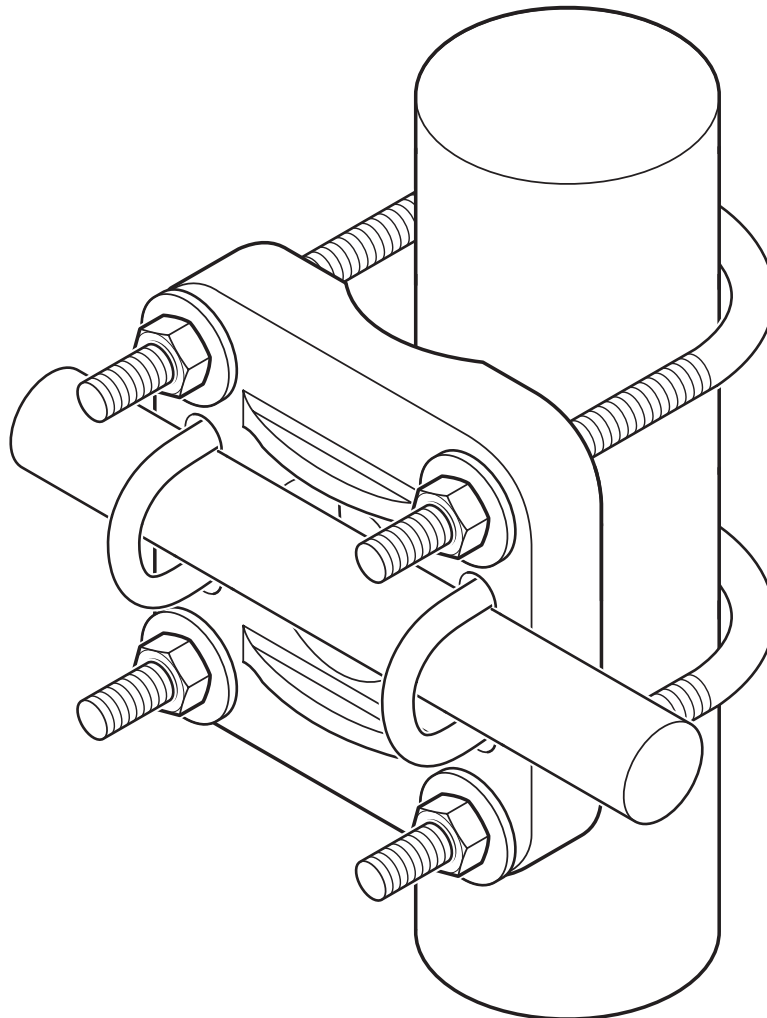
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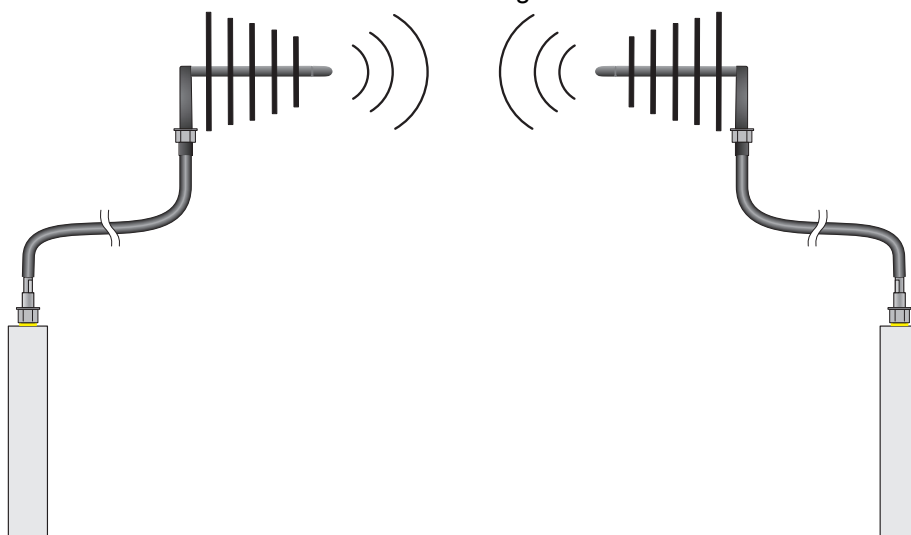


Schematic diagram



Mast mounting

Schematic diagram



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Classifications

ECLASS

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

ETIM

ETIM 9.0	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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