

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

5606614

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

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



5606614

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

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)
------------------	------------------------

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
---------------	---------------

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



5606614

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

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

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

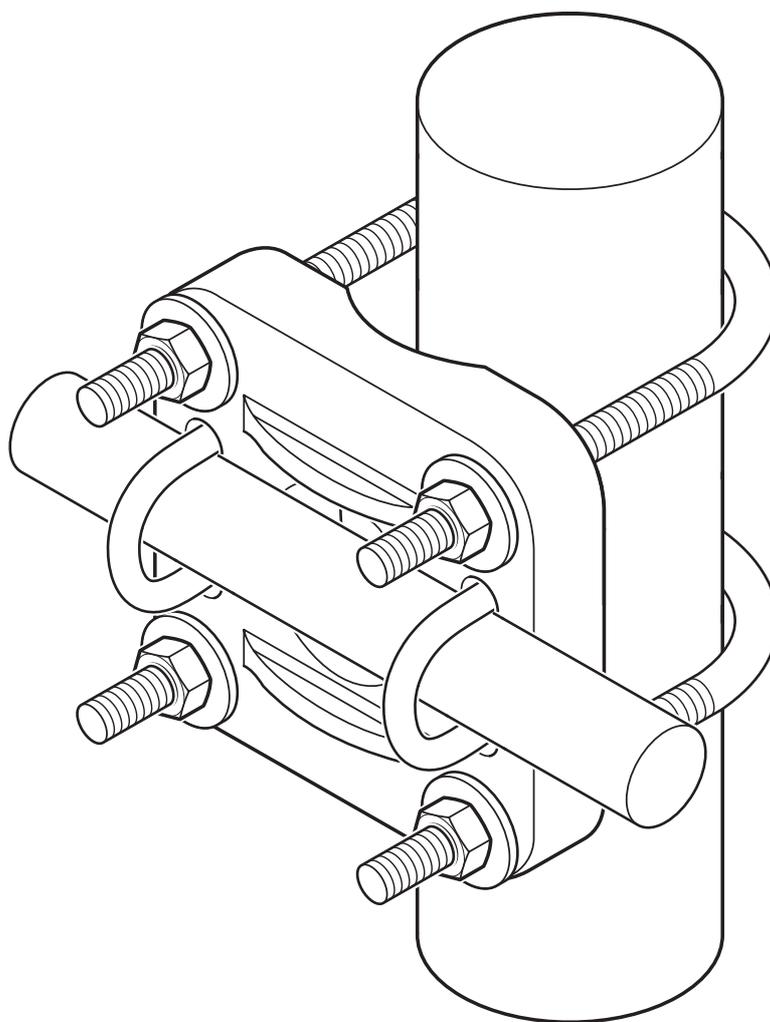


5606614

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

Drawings

Schematic diagram



Mast mounting

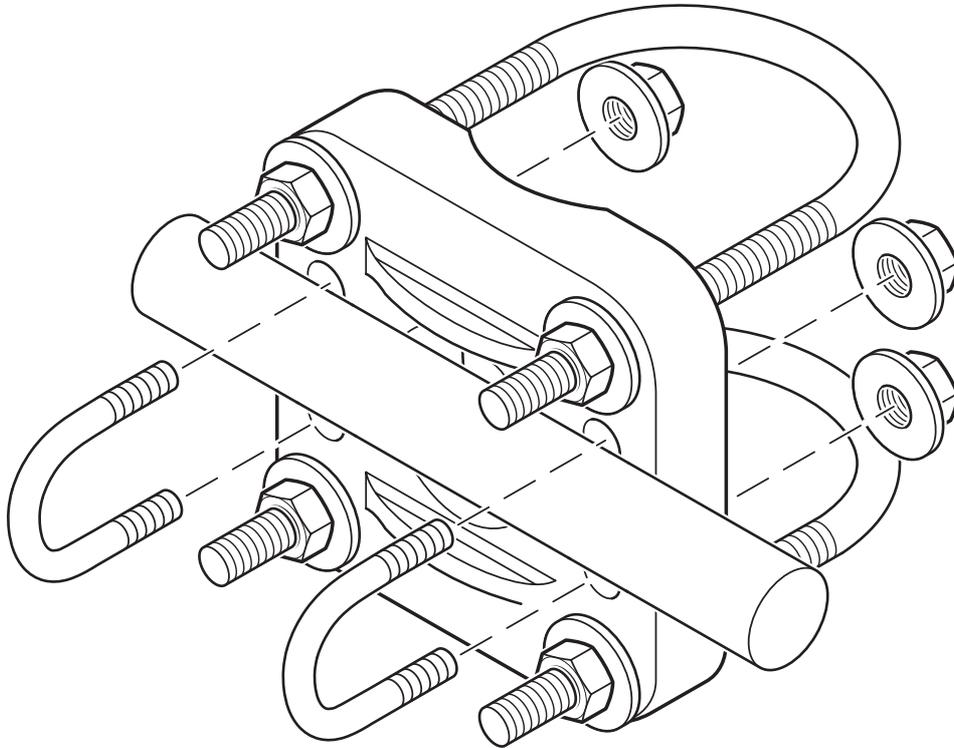
RAD-ISM-900-ANT-YAGI-10-N - Antenna



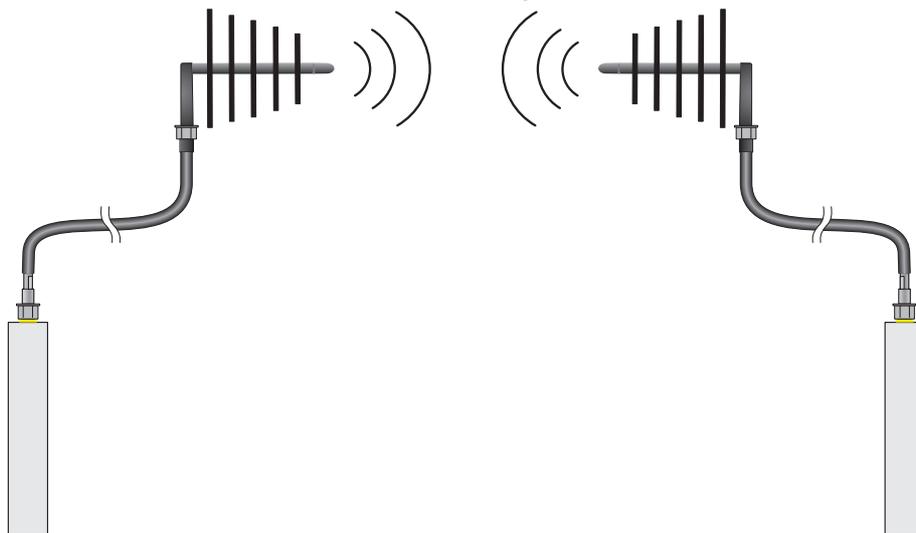
5606614

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

Schematic diagram



Schematic diagram



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



5606614

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

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC001698
----------	----------

UNSPSC

UNSPSC 21.0	43223100
-------------	----------

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



5606614

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

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"

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com