

Antenna - RAD-ISM-900-ANT-OMNI-5 - 2867199

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Omnidirectional antenna, 900 MHz, gain: 7 dBi, polarization: linear, opening angle: h/v 360°/30°, degree of protection: IP65, connection: N (female), incl. mounting bracket and mast clips

Your advantages

- ✓ For freely mobile applications
- ✓ For multipoint or mesh connections

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 931681
GTIN	4017918931681
Weight per Piece (excluding packing)	520.000 g
Custom tariff number	85177000
Country of origin	United States

Technical data

Dimensions

Width	0.3 cm
Height	60.9 cm

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 80 °C

General

With connecting cable	No
-----------------------	----

Antenna - RAD-ISM-900-ANT-OMNI-5 - 2867199

Technical data

General

Frequency range	900 MHz
	900 MHz
Horizontal beamwidth	360 °
Vertical beamwidth	30 °
Polarization	Linear vertical
Impedance	50 Ω
Gain	7 dBi
Wind velocity	160 km/h
Connection method	N (female)
Material	galvanized sheet steel (Bracket)
	V2A (Mast clamp)
Mounting type	Mast mounting or wall mounting
External diameter	38 mm ... 57 mm (Mast)

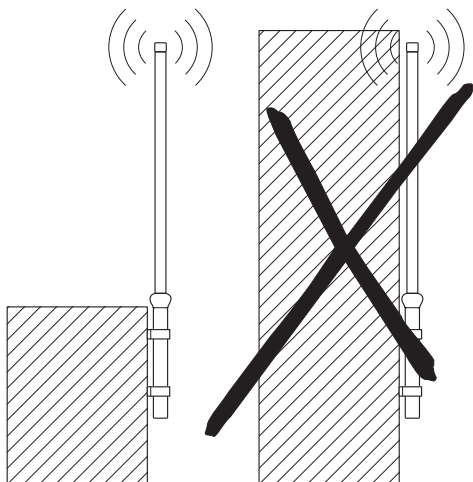
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

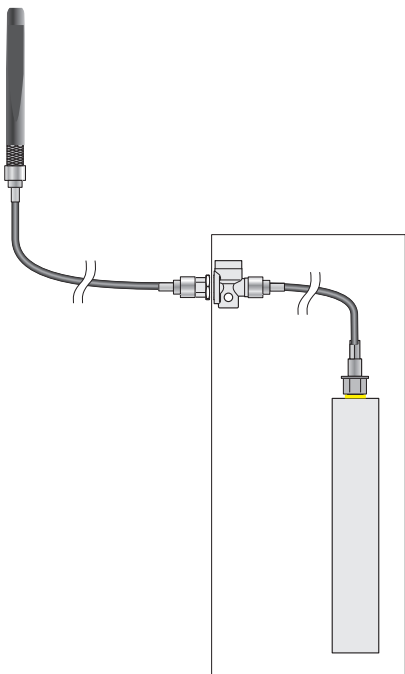
Drawings

Antenna - RAD-ISM-900-ANT-OMNI-5 - 2867199

Schematic diagram



Schematic diagram



Installation example

Classifications

eCl@ss

eCl@ss 10.0.1	19070105
eCl@ss 11.0	19070105
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	19070100
eCl@ss 5.1	19070100
eCl@ss 6.0	19070100
eCl@ss 7.0	19070105
eCl@ss 9.0	19070105

ETIM

ETIM 2.0	EC000416
ETIM 3.0	EC001698
ETIM 4.0	EC001698
ETIM 6.0	EC001698
ETIM 7.0	EC001698

Antenna - RAD-ISM-900-ANT-OMNI-5 - 2867199

Classifications

UNSPSC

UNSPSC 6.01	43171611
UNSPSC 7.0901	43221706
UNSPSC 11	43171611
UNSPSC 12.01	43221706
UNSPSC 13.2	43221715
UNSPSC 18.0	43221715
UNSPSC 19.0	43221715
UNSPSC 20.0	43221715
UNSPSC 21.0	43221715