

Antenna - RAD-ISM-2400-ANT-OMNI-5-0 - 2884923

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, 2.4 GHz, gain: 5 dBi, polarization: linear, opening angle: h/v 360°/45°, degree of protection: IP55, connection: SMA (male)

Your advantages

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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 173131
GTIN	4046356173131
Weight per Piece (excluding packing)	37.900 g
Custom tariff number	85177000
Country of origin	Taiwan

Technical data

Dimensions

Width	13 mm
Height	187 mm

Ambient conditions

Degree of protection	IP55
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-20 °C ... 65 °C

General

Antenna - RAD-ISM-2400-ANT-OMNI-5-0 - 2884923

Technical data

General

With connecting cable	No
Frequency range	2.4 GHz
	2.4 GHz
Horizontal beamwidth	360 °
Vertical beamwidth	45 °
Polarization	Linear vertical
Impedance	50 Ω
Gain	5 dBi
Connection method	SMA (male)
Material	Polyurethane (Antenna housing)
Mounting type	Wall mounting
	Mast mounting

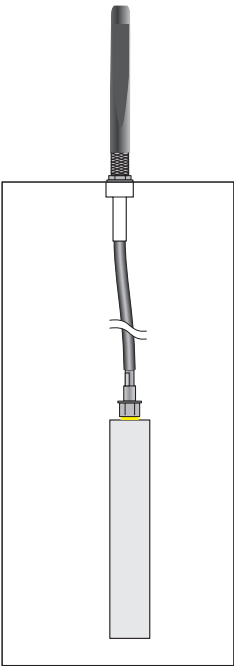
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Antenna - RAD-ISM-2400-ANT-OMNI-5-0 - 2884923

Schematic diagram



Installation example

Classifications

eCl@ss

eCl@ss 10.0.1	19070105
eCl@ss 11.0	19070105
eCl@ss 4.0	27240400
eCl@ss 4.1	27240400
eCl@ss 5.0	27242700
eCl@ss 5.1	27242700
eCl@ss 6.0	27242200
eCl@ss 7.0	19070105
eCl@ss 9.0	19070105

ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 6.0	EC001698
ETIM 7.0	EC001698

Antenna - RAD-ISM-2400-ANT-OMNI-5-0 - 2884923

Classifications

UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601
UNSPSC 12.01	20142601
UNSPSC 13.2	43221715
UNSPSC 18.0	43221715
UNSPSC 19.0	43221715
UNSPSC 20.0	43221715
UNSPSC 21.0	43221715

Accessories

Accessories

Simulation software

Software - FL WST BASIC - 2692254



Simulation software for supporting the planning of wireless systems in industrial environments. Thus, the later number and position of wireless components can be estimated and the quality of the radio coverage simulated.

Software - FL WST BASIC DEMO - 2692377



Simulation software for supporting the planning of wireless systems in industrial environments. Their functionality is limited with regard to the memory options as compared with the full version FL WST BASIC.