

Antenna - RAD-ISM-2459-ANT-FOOD-6-0 - 2692526

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Dual band omnidirectional antenna with protection against vandalism; IP68 protection; frequency band/gain: 2.4 GHz/up to 6 dBi, 5 GHz/up to 8 dBi; EN 50155; temperature range: -40°C to +80°C; N (f) connection; 1 m long adapter cable, N (m) - SMA (m) connection.



Your advantages

- Rugged design
- As a dual band antenna

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 335850
GTIN	4046356335850

Technical data

Dimensions

Height	51 mm
Diameter	92 mm
Fixed cable length	1.00 m
External cable diameter	5.00 mm

Ambient conditions

Degree of protection	IP68
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

General

With connecting cable	yes
Frequency range	2.4 GHz
	5 GHz
	2.4 GHz

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Technical data

General

	5.15 GHz ... 5.83 GHz
Horizontal beamwidth	360 °
Polarization	Linear vertical
Impedance	50 Ω
Gain	6 dBi (2.4 GHz, when mounted on metal surface)
	3 dBi (2.4 GHz, no metal surface)
	8 dBi (5.6 GHz, when mounted on metal surface)
	5 dBi (5.6 GHz, no metal surface)
Wind velocity	160 km/h (Has a force of 10 N)
Connection method	N (female)
	SMA (male)
Cable type	EF 142
Fixed cable length	1.00 m
Bending radius, long-term	30.00 mm
Cable, attenuation	Approx. 1.2 dB/m at 2.4 GHz
	Approx. 2.0 dB/m at 5.6 GHz
Housing material	Aluminum, HRA 150
Mounting type	Control cabinet
Assembly instructions	Protection class: IP68, only when mounted on a level surface
External cable diameter	5.00 mm
Outer sheath, material	RADOX®(LSFH)

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 25;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 4.0	27240409
eCl@ss 4.1	27240409
eCl@ss 5.0	27242215
eCl@ss 5.1	27242700
eCl@ss 6.0	27242200
eCl@ss 7.0	19070105
eCl@ss 8.0	19070105
eCl@ss 9.0	19070105

ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423

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Classifications

ETIM

ETIM 4.0	EC001423
ETIM 5.0	EC001698
ETIM 6.0	EC001698

UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601
UNSPSC 12.01	20142601
UNSPSC 13.2	43221715
UNSPSC 19.0	43221715

Accessories

Accessories

Mounting material

Mounting material - RAD-ANT-VAN-MKT - 2885870



Mounting material for wall mounting of omnidirectional antenna with protection against vandals

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