

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.



Product Features

- Rugged design
- As a dual band antenna

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	320.0 GRM
Custom tariff number	85177019
Country of origin	Poland

Technical data

Dimensions

Height	51 mm
Diameter	92 mm
Fixed cable length	1.00 m

Ambient conditions

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

General

Frequency range	2.4 GHz
	5 GHz
	2.4 GHz
	5.15 GHz ... 5.83 GHz
Horizontal beamwidth	360 °
Polarization	Linear vertical

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Technical data

General

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
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
Assembly instructions	Protection class: IP68, only when mounted on a level surface

Classifications

eCl@ss

eCl@ss 4.0	27240409
eCl@ss 4.1	27240409
eCl@ss 5.0	27242215
eCl@ss 5.1	19070102
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208
eCl@ss 8.0	27242208

ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001423
ETIM 5.0	EC001698

UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601
UNSPSC 12.01	20142601
UNSPSC 13.2	20142601

