



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

