

Antenna - ANT-DIR-5900-01 - 2701348

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>)



Directional antenna, 5 GHz, gain: 9 dBi, polarization: $\pm 45^\circ$ dual-slant, opening angle: h/v $70^\circ/60^\circ$, degree of protection: IP67, seawater-resistant, connection: 2 x N (female), incl. mounting bracket and mast clips

Your advantages

- ✓ Salt water resistant
- ✓ For large distances
- ✓ For stationary or linear mobile applications
- ✓ For point-to-point connections

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 739405
GTIN	4046356739405
Weight per Piece (excluding packing)	461.800 g
Custom tariff number	85177000
Country of origin	Poland

Technical data

Dimensions

Caption	Mounting plate
Width	80 mm
Height	101 mm
Length	35 mm

Ambient conditions

Antenna - ANT-DIR-5900-01 - 2701348

Technical data

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

General

With connecting cable	No
Frequency range	5 GHz
	5.15 GHz ... 5.875 GHz
Horizontal beamwidth	70 ° (at 5 GHz)
Vertical beamwidth	60 ° (at 5 GHz)
Polarization	Linear vertical
Impedance	50 Ω
Gain	9 dBi
Connection method	N (female)
Material	Lexan EXL 9330 (Antenna housing)
	V2A (Bracket)
	V2A (Mast clip)
Mounting type	Mast mounting or wall mounting
External diameter	25 mm ... 85 mm (Mast)

Environmental Product Compliance

	Lead 7439-92-1
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 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 3.0	EC001423
ETIM 4.0	EC000416
ETIM 5.0	EC001698

Antenna - ANT-DIR-5900-01 - 2701348

Classifications

ETIM

ETIM 6.0	EC001698
ETIM 7.0	EC001698

UNSPSC

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