

# RAD-ISM-5000-ANT-PAR-22-N - Antenna



5606174

<https://www.phoenixcontact.com/us/products/5606174>

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Directional antenna, 5 GHz, gain: 22 dBi, polarization: linear, opening angle: h/v 12°/12°, degree of protection: IP55, connection: N (female), incl. mounting bracket and mast clips

## Your advantages

- For large distances
- For point-to-point connections

## Commercial data

Item number	5606174
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNC6A5
GTIN	4046356482080
Weight per piece (including packing)	7,783.65 g
Weight per piece (excluding packing)	7,783.65 g
Customs tariff number	85177000
Country of origin	US

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## Technical data

### Product properties

Product type	Antenna
Gain	22 dBi
Vertical beamwidth	12 °
Horizontal beamwidth	12 °
Polarization	Linear vertical

### Electrical properties

Frequency band	5 GHz
Frequency range	5.25 GHz ... 5.85 GHz
Impedance	50 Ω
Voltage standing wave ratio VSWR in a 50 Ω system	≤ 1.50

### Connection data

#### Connection technology

Connection method	N (female)
Outside diameter	50 mm ... 114 mm (Mast)

### Dimensions

Diameter	304.8 mm
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#### External dimensions

Outside diameter	50 mm ... 114 mm (Mast)
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### Material specifications

Material	V2A
	V2A

### Cable/line

Connecting cable	no
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP55
Ambient temperature (operation)	-40 °C ... 70 °C
Wind velocity	15.4321 km/h

### Mounting

Mounting type	Mast mounting
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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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