

RAD-ISM-2400-ANT-CIR-8-0 - Antenna



2884936

<https://www.phoenixcontact.com/us/products/2884936>

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Panel antenna with a special type of polarization (circular) for applications in a highly reflective environment (highly metallic industrial hall). The antenna prevents polarization loss and can attain higher profits in this environment.

Your advantages

- For transmission over larger distances
- Particularly suitable for use in industrial halls with a very high reflection component due to metal

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 2884936 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | DN23 |
| Product key | DNN2Z1 |
| GTIN | 4046356173148 |
| Weight per piece (including packing) | 227.3 g |
| Weight per piece (excluding packing) | 215.9 g |
| Customs tariff number | 85177019 |
| Country of origin | PL |

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Technical data

Product properties

| | |
|----------------------|---------|
| Product type | Antenna |
| Gain | 8 dBi |
| Vertical beamwidth | 65 ° |
| Horizontal beamwidth | 70 ° |
| Polarization | RHCP |

Electrical properties

| | |
|-----------------|---------|
| Frequency band | 2.4 GHz |
| Frequency range | 2.4 GHz |
| Impedance | 50 Ω |

Connection data

Connection technology

| | |
|-------------------|--------------|
| Connection method | SMA (female) |
|-------------------|--------------|

Dimensions

| | |
|--------|--------|
| Width | 95 mm |
| Height | 101 mm |
| Length | 32 mm |

Cable/line

| | |
|------------------|----|
| Connecting cable | no |
|------------------|----|

Environmental and real-life conditions

Ambient conditions

| | |
|---|-------------------------------------|
| Degree of protection | IP55 |
| Ambient temperature (operation) | -40 °C ... 80 °C |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |
| Wind velocity | 12.34568 km/h (Has a force of 15 N) |

Mounting

| | |
|---------------|---------------------------------|
| Mounting type | Mast mounting or panel mounting |
|---------------|---------------------------------|

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