Data sheet

IE-ANT-O-AH-360-5-NF

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



RoHS COMPLIANT

Antennas and antenna accessories (coax cables and mounts)

- State-of-the-art antennas
- Industry proven
- Robust design (up to IP67 protection)
- For outdoor and indoor use
- Latest technology support
- Up to Wi-Fi 6 and Wi-Fi 6E (2.4 GHz, 5 GHz, 6 GHz)
- Up to 5G (NR) support (700 MHz - 3.8 GHz)
- Also support for other technologies (e.g. Bluetooth, GNSS, etc.)
- Appropriate coax cables at different lengths
- Suitable pole and wall mounts

General ordering data

Version	WLAN antenna, Omni-directional antenna, 5 GHz band, Gain of 5 dBi, Vertical, 1x N-type female, bottom, IP64, Impedance: 50 Ω
Order No.	1367120000
Type	IE-ANT-O-AH-360-5-NF
GTIN (EAN)	4050118186345
Qty.	1 items
Delivery status	Discontinued
Available until	2023-12-01T00:00:00+01:00
Alternative product	IE-ANT-WL-DB-SISO-LO-NF

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Height	160 mm	Height (inches)	6.2992 inch
Diameter	16 mm	Net weight	210 g

Temperatures

Storage temperature	-45 °C...75 °C	Operating temperature	-45 °C...75

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1

Enclosure material

Housing main material	PP

Included in delivery

Included in delivery	1 x antenna, 1 x mounting bracket, 2 x clamps for mast assembly

Technical data

Type of connection	1x N-type female, bottom	Impedance	50 Ω
3dB beamwidth (horizontal)	360°	3dB beamwidth (vertical)	25°
Standing wave ratio	< 1.7	Composite power max.	6 W
Radiation	Omnidirectional	Frequency range	5150 - 5875 (Mhz)
Antenna gain	5 dBi	Vertical electrical tilt	0°
Polarisation	Vertical		

Environmental conditions

Applications	for indoor and outdoor use	Operating temperature, max.	75
Operating temperature, min.	-45 °C	Storage temperature, max.	75 °C
Storage temperature, min.	-45 °C	Wind load	Frontal, Lateral, 7 N, @ 160 Km/h

Classifications

ETIM 8.0	EC001698	ETIM 9.0	EC001698
ETIM 10.0	EC001698	ECLASS 14.0	19-07-01-05
ECLASS 15.0	19-07-01-05		

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Accessories

Antennas and antenna accessories (coax cables and mounts)



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General ordering data

Type	IE-CC-NM-RPSMAM-1M	Version
Order No.	2788040000	Antenna cable, Connection 1:, N male, Connection 2:, RP-SMA male,
GTIN (EAN)	4064675066309	Length: 1 m
Qty.	1 ST	
Type	IE-CC-NM-RPSMAM-2M	Version
Order No.	1367110000	Antenna cable, Connection 1:, N male, Connection 2:, RP-SMA male,
GTIN (EAN)	4050118186376	Length: 2 m
Qty.	1 ST	
Type	IE-CC-NM-RPSMAM-3M	Version
Order No.	2788050000	Antenna cable, Connection 1:, N male, Connection 2:, RP-SMA male,
GTIN (EAN)	4064675066316	Length: 3 m
Qty.	1 ST	
Type	IE-CC-NM-RPSMAM-4M	Version
Order No.	1367100000	Antenna cable, Connection 1:, N male, Connection 2:, RP-SMA male,
GTIN (EAN)	4050118186369	Length: 4 m
Qty.	1 ST	
Type	IE-CC-NM-RPSMAM-5M	Version
Order No.	2788060000	Antenna cable, Connection 1:, N male, Connection 2:, RP-SMA male,
GTIN (EAN)	4064675066323	Length: 5 m
Qty.	1 ST	

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