

IE-ANT-P-ABG-75-9-NF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

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, Directional antenna, Dual Band (2.4 GHz / 5 GHz), Gain 9 dBi, Vertical, 1x N-type female, bottom, IP67, Impedance: 50 Ω
Order No.	1367140000
Type	IE-ANT-P-ABG-75-9-NF
GTIN (EAN)	4050118186338
Qty.	1 items

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Technical data

Approvals

ROHS Conform

Dimensions and weights

Depth	35	Depth (inches)	1.378 inch
Height	101 mm	Height (inches)	3.9764 inch
Width	80 mm	Width (inches)	3.1496 inch
Net weight	135.06 g		

Temperatures

Storage temperature -40 °C...80 °C Operating temperature -40 °C...80

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
REACH SVHC No SVHC above 0.1 wt%

Enclosure material

Colour grey Housing main material PC

Included in delivery

Included in delivery 1 x antenna, 1 x wall mounting

Technical data

Type of connection	1x N-type female, bottom	Impedance	50 Ω
3dB beamwidth (horizontal)	Band 1: 75°, Band 2: 55°	3dB beamwidth (vertical)	Band 1: 55°, Band 2: 55°
Standing wave ratio	< 2	Composite power max.	10 W
front-to-back ratio	Band 1: 15 dB, Band 2: 15 dB	Radiation	Directional
Frequency range	Band 1: 2400 - 2500 (MHz), Band 2: 5150 - 5875 (MHz)	Antenna gain	Band 1: 9 dBi, Band 2: 9 dBi
Vertical electrical tilt	Band 1: 0°, Band 2: 0°	Polarisation	Vertical

Environmental conditions

Applications	for indoor and outdoor use	Operating temperature, max.	80
Operating temperature, min.	-40 °C	Storage temperature, max.	80 °C
Storage temperature, min.	-40 °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	