

IE-ANT-WL-DB-SISO-LO-NF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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	Omni-directional antenna, Wi-Fi antenna, Up to Wi-Fi 6 & 6E (IEEE802.11ax), Vertical, N female, IP67, Impedance: 50 Ω
Order No.	2788110000
Type	IE-ANT-WL-DB-SISO-LO-NF
GTIN (EAN)	4064675066378
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	45.7 mm	Height (inches)	1.799 inch
Diameter	36.2 mm	Net weight	142.4 g

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
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Enclosure material

Colour	black
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Included in delivery

Included in delivery	1 x antenna
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Technical data

Antenna gain	3 dBi, 4 dBi	Composite power max.	100 W
Frequency range	2.4-2.5 GHz, 4.9-6.425 GHz	Impedance	50 Ω
Polarisation	Vertical	Standing wave ratio	<2.0 typical, 3.5 max.
Type of connection	N female		

Environmental conditions

Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C

Classifications

ETIM 6.0	EC001698	ETIM 7.0	EC001698
ETIM 8.0	EC001698	ETIM 9.0	EC001698
ECLASS 9.0	19-07-01-05	ECLASS 9.1	19-07-01-05
ECLASS 10.0	19-07-01-05	ECLASS 11.0	19-07-01-05
ECLASS 12.0	19-07-01-05	ECLASS 13.0	19-07-01-05

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	e4cad7fc-a55e-4d5c-8f05-417a6385e9b6
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

Approvals

ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
Technical Documentation	Radiation Pattern
User Documentation	Hardware Installation Guide
Catalogues	Catalogues in PDF-format

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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-3M	Version
Order No.	2788050000	Antenna cable, Connection 1: N male, Connection 2: RP-SMA male,
GTIN (EAN)	4064675066316	Length: 3 mm
Qty.	1 pc(s).	
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 pc(s).	
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 pc(s).	
Type	IE-ANT-MOUNT-POLE-NF	Version
Order No.	2788470000	Antenna mount for "IE-ANT-WL-DB-SISO-LO-NF", "IE-ANT-CELL-SISO-
GTIN (EAN)	4064675066477	LO-NF"
Qty.	1 pc(s).	
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 pc(s).	
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 pc(s).	