

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 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Height	45.7 mm	Height (inches)	1.7992 inch
Diameter	36.2 mm	Net weight	138.29 g

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...85 °C
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Environmental Product Compliance

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

Enclosure material

Colour	black
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Included in delivery

Included in delivery	1 x antenna
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Technical data

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

Environmental conditions

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

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-ANT-MOUNT-POLE-NF	Version
Order No.	2788470000	Antenna mount for "IE-ANT-WL-DB-SISO-LO-NF", "IE-ANT-CELL-SISO-LO-NF"
GTIN (EAN)	4064675066477	
Qty.	1 ST	
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	