

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 3 (IEEE 802.11a), 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).

Creation date March 10, 2023 8:37:13 AM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

IE-ANT-WL-DB-SISO-LO-NF

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

Enclosure material

Colour	black
--------	-------

Included in delivery

Included in delivery	1 x antenna
----------------------	-------------

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	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	e4cad7fc-a55e-4d5c-8f05-417a6385e9b6

Approvals

ROHS	Conform
------	---------

Downloads

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