

IE-ANT-CELL-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, Cellular antenna, Up to 5G (NR), Vertical, N female, IP66, Impedance: 50 Ω
Order No.	2788150000
Type	IE-ANT-CELL-SISO-LO-NF
GTIN (EAN)	4064675066415
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Height	89 mm	Height (inches)	3.504 inch
Diameter	35.8 mm	Net weight	263.02 g

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...70 °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	Composite power max.	150 W
Frequency range	690-950 MHz, 1.7-3.8 GHz	Impedance	50 Ω
Polarisation	Vertical	Standing wave ratio	< 2.0 typical, 2.5 max.
Type of connection	N female		

Environmental conditions

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	70 °C	Storage temperature, min.	-40 °C

Classifications

ETIM 6.0	EC001698	ETIM 7.0	EC001698
ETIM 8.0	EC001698	ETIM 9.0	EC001698
ECLASS 9.1	19-07-01-90	ECLASS 10.0	19-07-01-07
ECLASS 11.0	19-07-01-07	ECLASS 12.0	19-07-01-07
ECLASS 13.0	19-07-01-07		

Environmental Product Compliance

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

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-SMAM-6M	Version
Order No.	1491210000	Antenna cable, Connection 1:, N male, Connection 2:, SMA male,
GTIN (EAN)	4050118300758	Length: 6 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-LO-NF"
GTIN (EAN)	4064675066477	
Qty.	1 pc(s).	
Type	IE-CC-NM-SMAM-1M	Version
Order No.	2788010000	Antenna cable, Connection 1:, N male, Connection 2:, SMA male,
GTIN (EAN)	4064675066279	Length: 1 m
Qty.	1 pc(s).	
Type	IE-CC-NM-SMAM-2M	Version
Order No.	1491180000	Antenna cable, Connection 1:, N male, Connection 2:, SMA male,
GTIN (EAN)	4050118300741	Length: 2 m
Qty.	1 pc(s).	
Type	IE-CC-NM-SMAM-5M	Version
Order No.	2788030000	Antenna cable, Connection 1:, N male, Connection 2:, SMA male,
GTIN (EAN)	4064675066293	Length: 5 m
Qty.	1 pc(s).	
Type	IE-CC-NM-SMAM-3M	Version
Order No.	2788020000	Antenna cable, Connection 1:, N male, Connection 2:, SMA male,
GTIN (EAN)	4064675066286	Length: 3 m
Qty.	1 pc(s).	
Type	IE-CC-NM-SMAM-4M	Version
Order No.	1491190000	Antenna cable, Connection 1:, N male, Connection 2:, SMA male,
GTIN (EAN)	4050118300734	Length: 4 m
Qty.	1 pc(s).	