

IE-ANT-CELL-MIMO-DO-SMAM**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), Linear, Vertical, 2x SMA male, IP67, Impedance: 50 Ω
Order No.	2788120000
Type	IE-ANT-CELL-MIMO-DO-SMAM
GTIN (EAN)	4064675066385
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Height	100 mm	Height (inches)	3.937 inch
Net weight	700 g		

Temperatures

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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Mechanical and material properties of cable

Cable length	1 m	Min. bending radius, repetitive	25 mm
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Technical data

Amount of antenna elements (MIMO)	2	Antenna gain	2.5 dBi
Composite power max.	50 W	Frequency range	690-950 MHz, 1.7-3.8 GHz
Impedance	50 Ω	Polarisation	Linear, Vertical
Standing wave ratio	< 2.0 typical, 3.0 max.	Type of connection	2x SMA male

Environmental conditions

Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C
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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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Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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www.weidmueller.com**Accessories****Antennas and antenna accessories (coax cables and mounts)****Antennas and antenna accessories (coax cables and mounts)**

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General ordering data

Type	IE-CC-SMAM-SMAF-3M	Version
Order No.	2787930000	Antenna cable, Connection 1: SMA male, Connection 2: SMA female,
GTIN (EAN)	4064675066095	Length: 3 m
Qty.	1 pc(s).	
Type	IE-CC-SMAM-SMAF-1M	Version
Order No.	2787920000	Antenna cable, Connection 1: SMA male, Connection 2: SMA female,
GTIN (EAN)	4064675066088	Length: 1 m
Qty.	1 pc(s).	
Type	IE-CC-SMAM-SMAF-5M	Version
Order No.	2787940000	Antenna cable, Connection 1: SMA male, Connection 2: SMA female,
GTIN (EAN)	4064675066200	Length: 5 m
Qty.	1 pc(s).	