

**IE-ANT-CELL/WL-MB-MIMO-DO****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, Wi-Fi antenna, Up to 5G (NR), Up to Wi-Fi 6 & 6E (IEEE802.11ax), Linear, Vertical, 2x SMA male, 2x RP-SMA male, IP67, Impedance: 50 Ω
Order No.	<a href="#">2788090000</a>
Type	IE-ANT-CELL/WL-MB-MIMO-DO
GTIN (EAN)	4064675066354
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Height	90 mm	Height (inches)	3.543 inch
Diameter	132 mm	Net weight	627 g

**Temperatures**

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

Colour	white
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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, 3-4 dBi
Composite power max.		Frequency range	690-950 MHz, 1.7-3.8 GHz, 2.4-2.5 GHz, 4.9-7.125 GHz
	50 W	Polarisation	Linear, Vertical
Impedance	50 Ω	Type of connection	2x SMA male, 2x RP-SMA male
Standing wave ratio	< 2.0 typical, 3.5 max.		

**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

**Approvals**

ROHS	Conform
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## Technical data

### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Technical Documentation	<a href="#">Radiation Pattern</a>
User Documentation	<a href="#">Hardware Installation Guide</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Accessories

## Antennas and antenna accessories (coax cables and mounts)



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## General ordering data

Type	IE-CC-SMAM-SMAF-5M	Version
Order No.	<a href="#">2787940000</a>	Antenna cable, Connection 1: SMA male, Connection 2: SMA female,
GTIN (EAN)	4064675066200	Length: 5 m
Qty.	1 pc(s).	
Type	IE-CC-RPSMAM-RPSMAF-1M	Version
Order No.	<a href="#">2787950000</a>	Antenna cable, Connection 1: RP-SMA male, Connection 2: RP-SMA
GTIN (EAN)	4064675066217	female, Length: 1 m
Qty.	1 pc(s).	
Type	IE-CC-RPSMAM-RPSMAF-5M	Version
Order No.	<a href="#">2787970000</a>	Antenna cable, Connection 1: RP-SMA male, Connection 2: RP-SMA
GTIN (EAN)	4064675066231	female, Length: 5 m
Qty.	1 pc(s).	
Type	IE-CC-SMAM-SMAF-1M	Version
Order No.	<a href="#">2787920000</a>	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-3M	Version
Order No.	<a href="#">2787930000</a>	Antenna cable, Connection 1: SMA male, Connection 2: SMA female,
GTIN (EAN)	4064675066095	Length: 3 m
Qty.	1 pc(s).	
Type	IE-CC-RPSMAM-RPSMAF-3M	Version
Order No.	<a href="#">2787960000</a>	Antenna cable, Connection 1: RP-SMA male, Connection 2: RP-SMA
GTIN (EAN)	4064675066224	female, Length: 3 m
Qty.	1 pc(s).	