

IE-ANT-CELL/WL-MB-MIMO-DO**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, 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.	2788090000
Type	IE-ANT-CELL/WL-MB-MIMO-DO
GTIN (EAN)	4064675066354
Qty.	1 pc(s).

IE-ANT-CELL/WL-MB-MIMO-DO

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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	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-RPSMAM-RPSMAF-3M	Version
Order No.	2787960000	Antenna cable, Connection 1:, RP-SMA male, Connection 2:, RP-SMA
GTIN (EAN)	4064675066224	female, Length: 3 m
Qty.	1 pc(s).	
Type	IE-CC-RPSMAM-RPSMAF-5M	Version
Order No.	2787970000	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-RPSMAM-RPSMAF-1M	Version
Order No.	2787950000	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-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).	
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).	