

## 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 female, IP67, Impedance: 50 Ω
Order No.	<a href="#">2788090000</a>
Type	IE-ANT-CELL/WL-MB-MIMO-DO
GTIN (EAN)	4064675066354
Qty.	1 items

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## Technical data

### Approvals

ROHS	Conform
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### Dimensions and weights

Height	90 mm	Height (inches)	3.5433 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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### Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e4cad7fc-a55e-4d5c-8f05-417a6385e9b6

### 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

Type of connection	2x SMA male, 2x RP-SMA female	Amount of antenna elements (MIMO)	2
Impedance	50 Ω	Standing wave ratio	<2.0 typical, 3.5 max.
Composite power max.	50 W	Frequency range	690-950 MHz, 1.7-3.8 GHz, 2.4-2.5 GHz, 4.9-7.125 GHz
Antenna gain	2.5 dBi, 3-4 dBi	Polarisation	Linear, Vertical

### Environmental conditions

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

### Classifications

ETIM 8.0	EC001698	ETIM 9.0	EC001698
ETIM 10.0	EC001698	ECLASS 14.0	19-07-01-05
ECLASS 15.0	19-07-01-05		

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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-1M	Version
Order No.	<a href="#">2787920000</a>	Antenna cable, Connection 1.; SMA male, Connection 2.; SMA
GTIN (EAN)	4064675066088	female, Length: 1 m
Qty.	1 ST	
Type	IE-CC-SMAM-SMAF-3M	Version
Order No.	<a href="#">2787930000</a>	Antenna cable, Connection 1.; SMA male, Connection 2.; SMA
GTIN (EAN)	4064675066095	female, Length: 3 m
Qty.	1 ST	
Type	IE-CC-SMAM-SMAF-5M	Version
Order No.	<a href="#">2787940000</a>	Antenna cable, Connection 1.; SMA male, Connection 2.; SMA
GTIN (EAN)	4064675066200	female, Length: 5 m
Qty.	1 ST	
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 ST	
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 ST	
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 ST	