

IE-ANT-WL-DB-MIMO-PD-RPSMAM

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	Semi-directional antenna, Wi-Fi antenna, Up to Wi-Fi 6 & 6E (IEEE802.11ax), +/- 45° linear, 4x RP-SMA male, IP67, Impedance: 50 Ω
Order No.	2788080000
Type	IE-ANT-WL-DB-MIMO-PD-RPSMAM
GTIN (EAN)	4064675066347
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	198 mm	Depth (inches)	7.7953 inch
Height	34 mm	Height (inches)	1.3386 inch
Width	198 mm	Width (inches)	7.7953 inch
Net weight	450 g		

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...70 °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	0.78 m
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Technical data

Type of connection	4x RP-SMA male	Amount of antenna elements (MIMO)	4
Impedance	50 Ω	Standing wave ratio	<2.0 typical, 2.5 max.
Composite power max.	20 W	Frequency range	2.3-2.8 GHz, 4.9-7.125 GHz
Antenna gain	6 dBi, 5 dBi	Polarisation	+/- 45° linear

Environmental conditions

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	70 °C	Storage temperature, min.	-40 °C
Wind load	200 km/h		

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-ANT-MOUNT-PANEL	Version	
Order No.	2789830000		Antenna mount for "IE-ANT-WL-DB-MIMO-PD-RPSMAM"
GTIN (EAN)	4064675068341		
Qty.	1 ST		