chanhvinh.com

Data sheet

IE-ANT-CELL-MIMO-DO-SMAM

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



RoHS COMPLIANT

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).

Creation date December 15, 2023 11:58:28 AM CET

chanhvinh.com

Data sheet

IE-ANT-CELL-MIMO-DO-SMAM

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Dimensions and weights

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

Temperatures

Operating temperature	-40 °C...85 °C

Enclosure material

Colour	black

Included in delivery

Included in delivery	1 x antenna

Mechanical and material properties of cable

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

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

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	19070107		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	e4cad7fc-a55e-4d5c-8f05-417a6385e9b6

Approvals

ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
Technical Documentation	Radiation Pattern
User Documentation	Hardware Installation Guide
Catalogues	Catalogues in PDF-format

Creation date December 15, 2023 11:58:28 AM CET