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Data sheet

IE-ANT-CELL-SISO-LO-NF

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), Vertical, N female, IP66, Impedance: 50 Ω
Order No.	2788150000
Type	IE-ANT-CELL-SISO-LO-NF
GTIN (EAN)	4064675066415
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	89 mm	Height (inches)	3.504 inch
Diameter	35.8 mm	Net weight	263.02 g

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...70 °C

Enclosure material

Colour	black

Included in delivery

Included in delivery	1 x antenna

Technical data

Antenna gain	3 dBi	Composite power max.	150 W
Frequency range	690-950 MHz, 1.7-3.8 GHz	Impedance	50 Ω
Polarisation	Vertical	Standing wave ratio	< 2.0 typical, 2.5 max.
Type of connection	N female		

Environmental conditions

Operating temperature, max.	70 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	70 °C	Storage temperature, min.	-40 °C

Classifications

ETIM 6.0	EC001698	ETIM 7.0	EC001698
ETIM 8.0	EC001698	ETIM 9.0	EC001698
ECLASS 9.1	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