

Product: PARED-8-S-NF/868

Product Order Code:
BM-02156

Medium Gain 868MHz Wall & Pole Mounted Antenna

ISM, LoRa, SIGFOX, ZigBee

- Wall & Pole mounted robust Wideband monopole antenna
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



Technical Data

Dimensions	600mm (H) x 20mm (D) Whip x 34mm (D) Whip Base
Weight	190g (Excluding Bracket)
Construction Materials	Fibreglass UV Stable UL94 V0 (Whip) Stainless Steel (Bracket & Base)
Mounting Arrangement	L Stainless Steel Wall / Pole Mounted Bracket N Type Female Base Mounted Connector
Wind Loading	40N @ 150KM/H
HPBW - Horizontal / Vertical	360° / 18°
Lightning Protection	Direct Ground
Temperature Range / Humidity	-40°C to +85°C / 100% @ 25°C
Protection Class	IP66 (IEC 60529)
Frequency Range	ISM, LoRa, SIGFOX, ZigBee
Impedance	868MHz (+/-15MHz)
Polarisation	50 Ohm
Average Gain	Vertical
Radiation Pattern	8dBi
Max Power @ 30°C	Omni-Directional
Return loss (VSWR)	50 Watts @ 868MHz
Radiator Type	≤ 1:1.55
Cable types available	Collinear Array
Cable Length	LL195 50 Ohm Low Loss / RG58 / LL400 / LMR400
Connector	Cable sold separately - according to customer specification
Test & Measurement Conditions	N Type Female
	Free Space / 2000mm LL195 Cable / SMA MALE

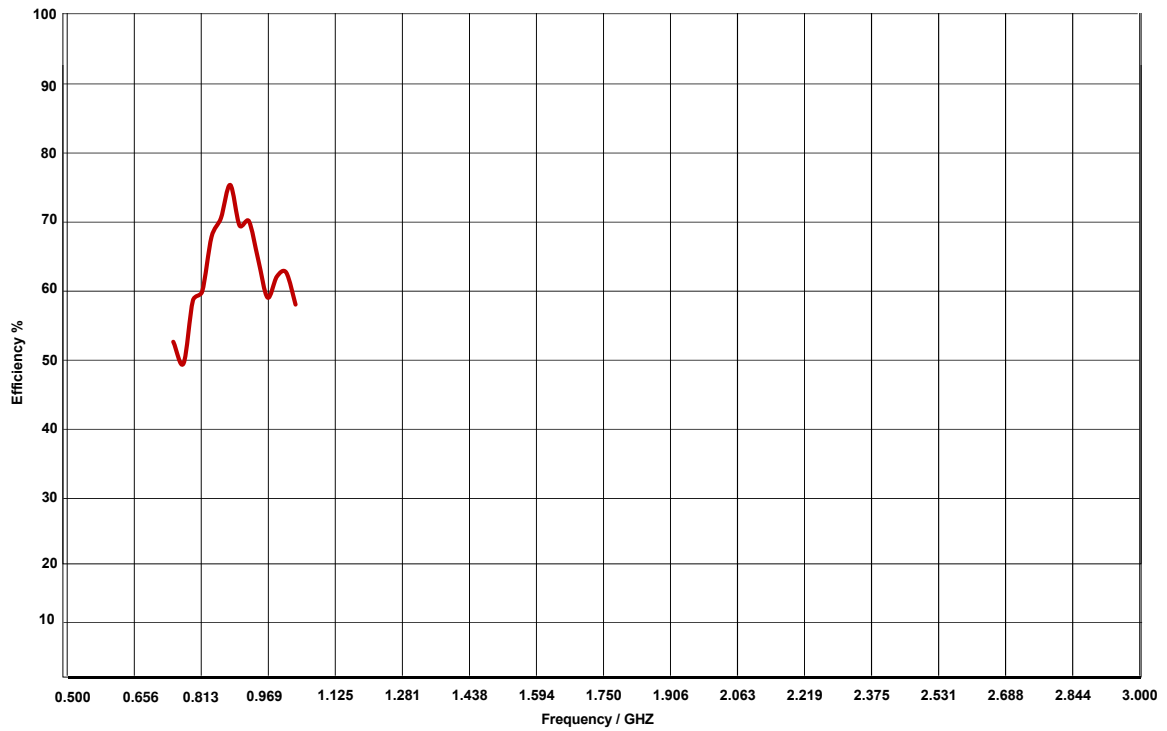
dB: Referenced to an isotropic radiator

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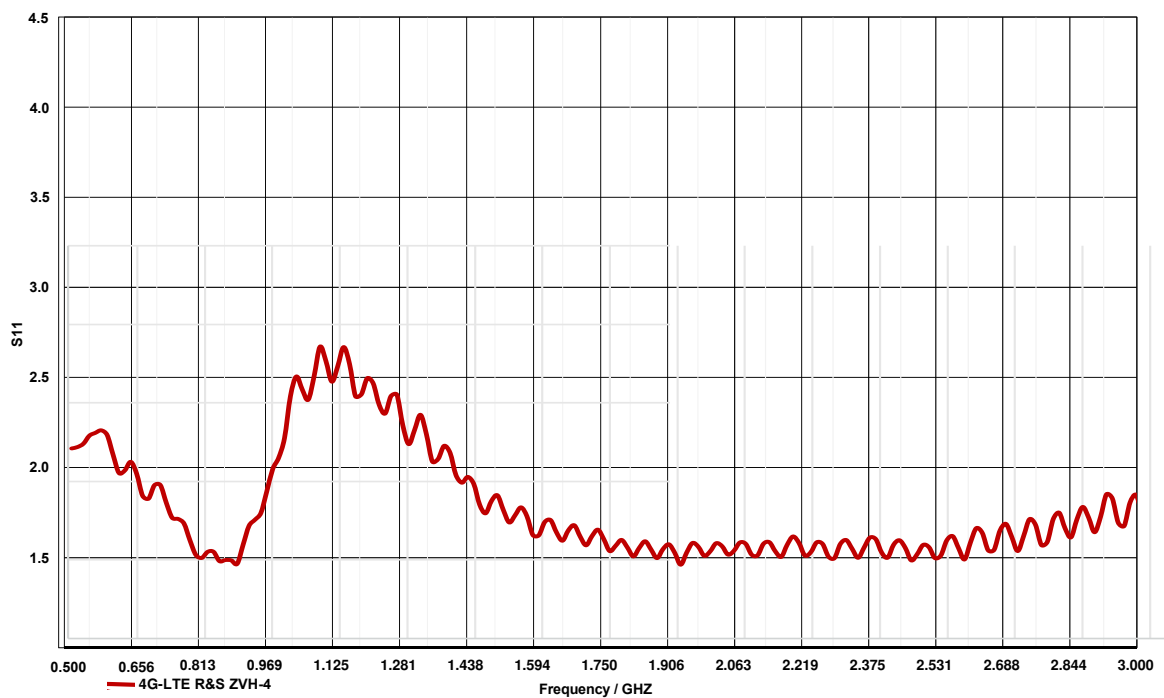
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Radiated Efficiency



Typical VSWR



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CAD Data

