

Product: PARED-10-S-NF

Product Order Code:  
BM-02077

## High Gain Wall & Pole Mounted Antenna

LTE-4G, CELLULAR (2G, 3G), CDMA, GPRS  
ISM, UMTS, WCDA

- 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	835mm (H) x 20mm (D) Whip x 34mm (D) Whip Base	
Weight	226g	
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° / 10°	
Lightning Protection	Direct Ground	
Temperature Range / Humidity	-40°C to +85°C / 100% @ 25°C	
Protection Class	IP66 (IEC 60529)	
<b>Cellular LTE-4G / 2G / 3G</b>		
Frequency Range	LTE 700 + GSM 900: GSM 1800: UMTS: LTE (High):	698 - 960 MHz 1710 - 1880 MHz 1920 - 2170 MHz 2300 - 2700 MHz
Impedance	50 Ohm	
Polarisation	Vertical	
Average Gain	LTE 700 + GSM 900: GSM 1800: UMTS: LTE (High):	@ 698-960 MHz; 9.1dBi @ 1710-1880 MHz; 9.6dBi @ 1920-2170 MHz; 10.1dBi @ 2300-2700 MHz; 10.1dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30°C	LTE 700 + GSM 900: GSM 1800: UMTS: LTE (High):	50 Watts @ 698-960 MHz 50 Watts @ 1710-1880 MHz 50 Watts @ 1920-2170 MHz 50 Watts @ 2300-2700 MHz
Return loss (VSWR)	≤ 1:1.8 (All Bands)	
Radiator Type	Collinear Array	
Cable types available	LL195 50 Ohm Low Loss / RG58 / LL400 / LMR400	
Cable Length	Cable sold separately - according to customer specification	
Connector	N Type Female	
Test & Measurement Conditions	Free Space / 2000mm LL195 Cable / SMA MALE	

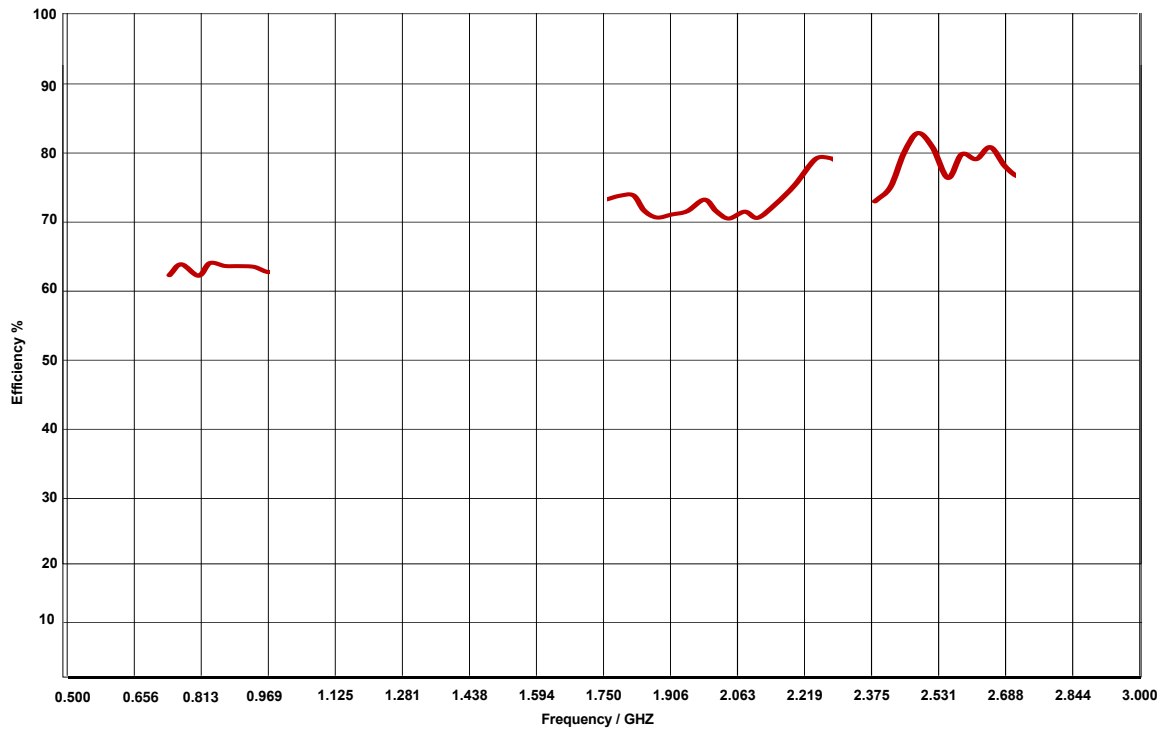
dBi: Referenced to an isotropic radiator

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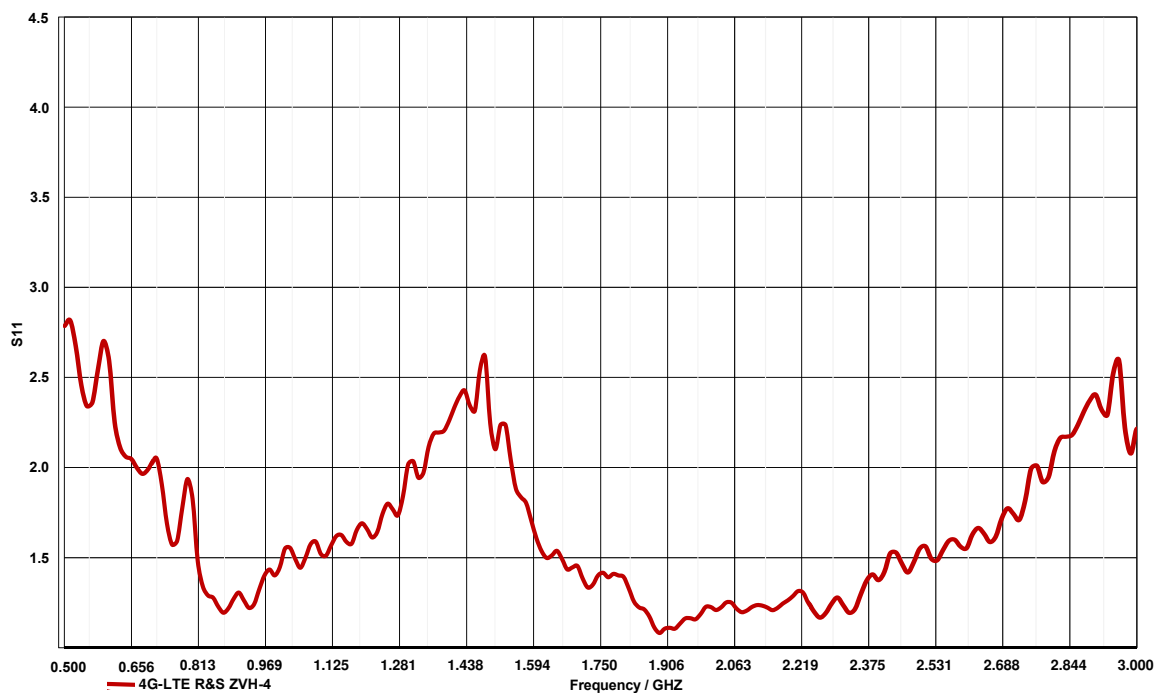
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### Radiated Efficiency



### Typical VSWR



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**CAD Data**

