

Product: PARED 4G/LTE

Product Order Code:
BM-02 RANGE

Wideband Wall Mounted Antenna

LTE-4G, CELLULAR (2G, 3G), WLAN 2.4GHz

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



Technical Data

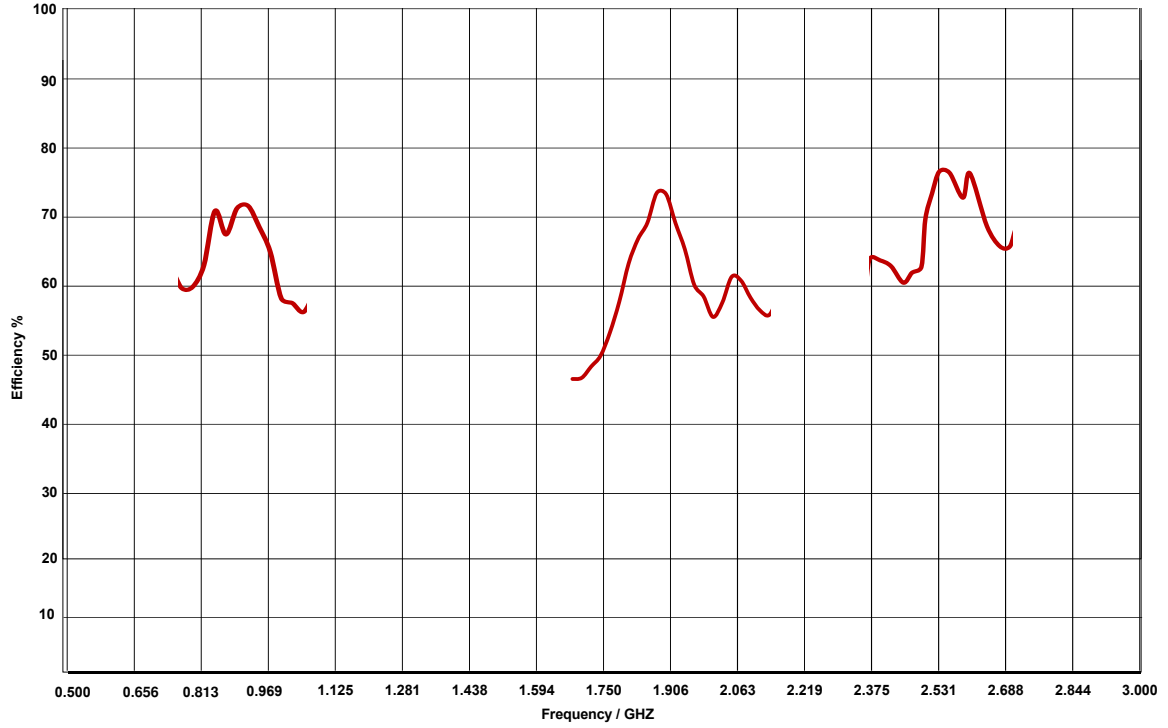
Dimensions	220mm (H) Whip Tube x 16 (D) Whip Diameter	
Weight	355g	
Construction Materials	ABS UV Stable UL94 V0 (Whip) Stainless Steel (Bracket)	
Mounting Arrangement	Wall Fixing - Free Space	
Temperature Range	-40 to +85° C	
Protection Class	IP66 (IEC 60529)	
Cellular LTE / 2G / 3G		
Frequency Range	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	698 - 960 MHz 1710 - 1880 MHz 1920 - 2170 MHz 2300 - 2700 MHz
Impedance	50 Ohm	
Polarisation	Linear	
Average Gain	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	@ 790-960 MHz; 3.1dBi @ 1710-1880 MHz; 0.4dBi @ 1920-2170 MHz; 3.8dBi @ 2300-2700 MHz; 1.6dBi
Radiation Pattern	Omni-Directional	
Max Power @ 30°C	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	25 Watts @ 790-960 MHz 25 Watts @ 1710-1880 MHz 25 Watts @ 1920-2170 MHz 25 Watts @ 2300-2700 MHz
Return loss (VSWR)	≤ 2:1 (All Bands)	
Radiator Type	Dipole	
Cable types Available	LL195 50 Ohm Low Loss / LMR100 50 Ohm Low Loss / RG58	
Cable Length	According to customer specification	
Connector	According to customer specification	
Test & Measurement Conditions	Free Space / 2000mm LL195 Cable / SMA MALE	

dBi: Referenced to an isotropic radiator

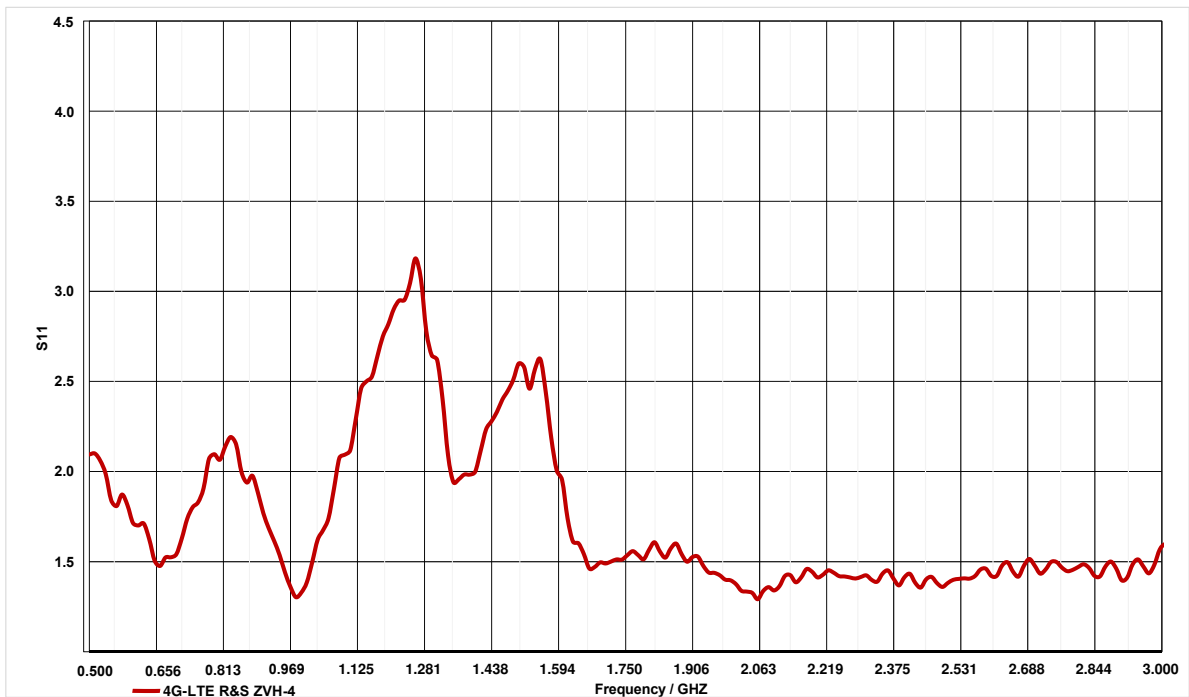
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Radiated Efficiency



Typical VSWR (LTE)



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CAD Data

