

Product: PARED-B-12

Product Order Code:
BM-02626

High Gain Directional Antenna

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



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

Technical Data

Dimensions	170mm (D) x 147mm (H) x 35mm (W) Bracket Base
Weight	226g
Construction Materials	ABS UV Stable UL94 V0 Epoxy Resin Coated Mild Steel Bracket
Mounting Arrangement	Wall Mounted Bracket SMA Female Base Mounted Connector
Directional Range	180°
Humidity	100% @ 25°C
Temperature Range	-40°C to +85°C
Protection Class	IP66 (IEC 60529)

Cellular 2G / 3G / 4G-LTE

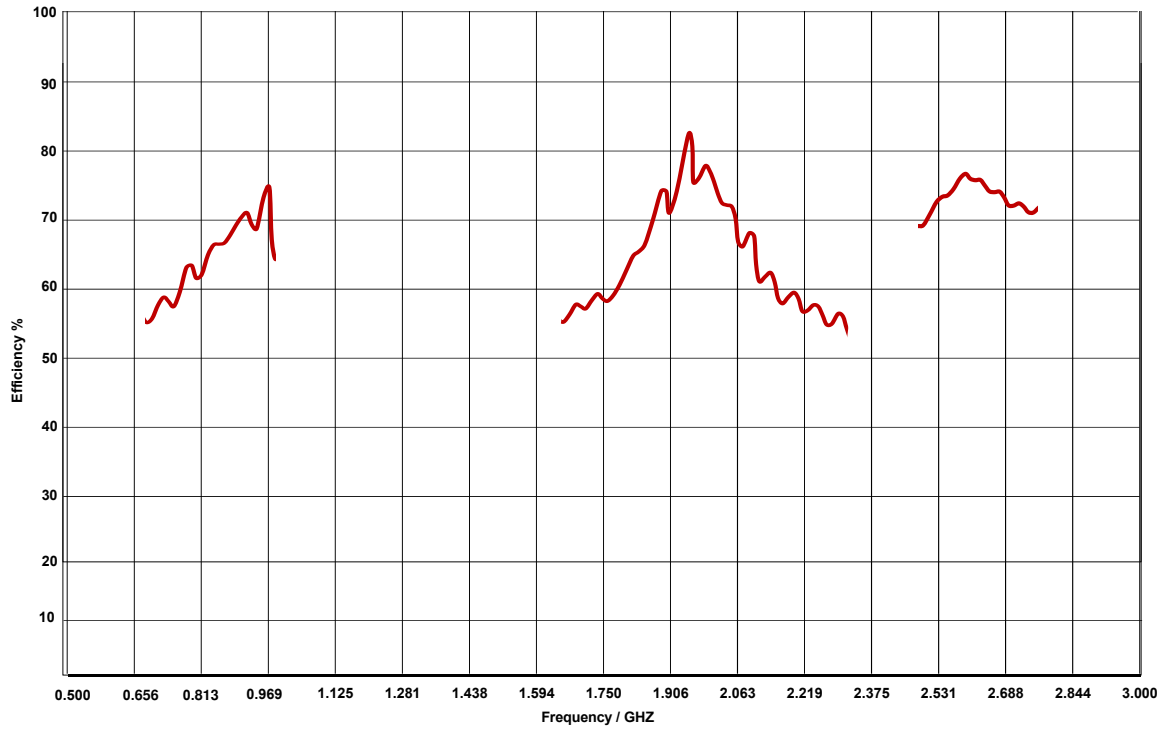
Frequency Range	GSM 900 / ISM / LTE 800: GSM 1800: UMTS / LTE High):	850 - 960 MHz 1710 - 1880 MHz 1900 - 2170 MHz / 2300 - 2655 MHz
Impedance		50 Ohm
Polarisation		Vertical
Average Gain	GSM 900 / ISM / LTE 800: GSM 1800: UMTS / LTE High):	@ 850-960 MHz; 9.1dBi @ 1710-1880 MHz; 9.9dBi @ 1900-2170 MHz; 10dBi / 2300-2655 MHz; 12dBi
Radiation Pattern		Directional
Max Power @ 30°C	GSM 900 / ISM / LTE 800: GSM 1800: UMTS / LTE High):	30 Watts @ 850-960 MHz 30 Watts @ 1710-1880 MHz 30 Watts @ 1900-2655 MHz
Return loss (VSWR)		≤ 1:1.9 (All Bands)
Radiator Type		YAGI
Cable types Available		LL195 50 Ohm Low Loss / RG58 / LL400 / LMR400
Cable Length		Supplied Separately - According to customer specification
Connector		SMA Female
Test & Measurement Conditions		Free Space / 2000mm LL195 Cable / SMA MALE

dBi: Referenced to an isotropic radiator

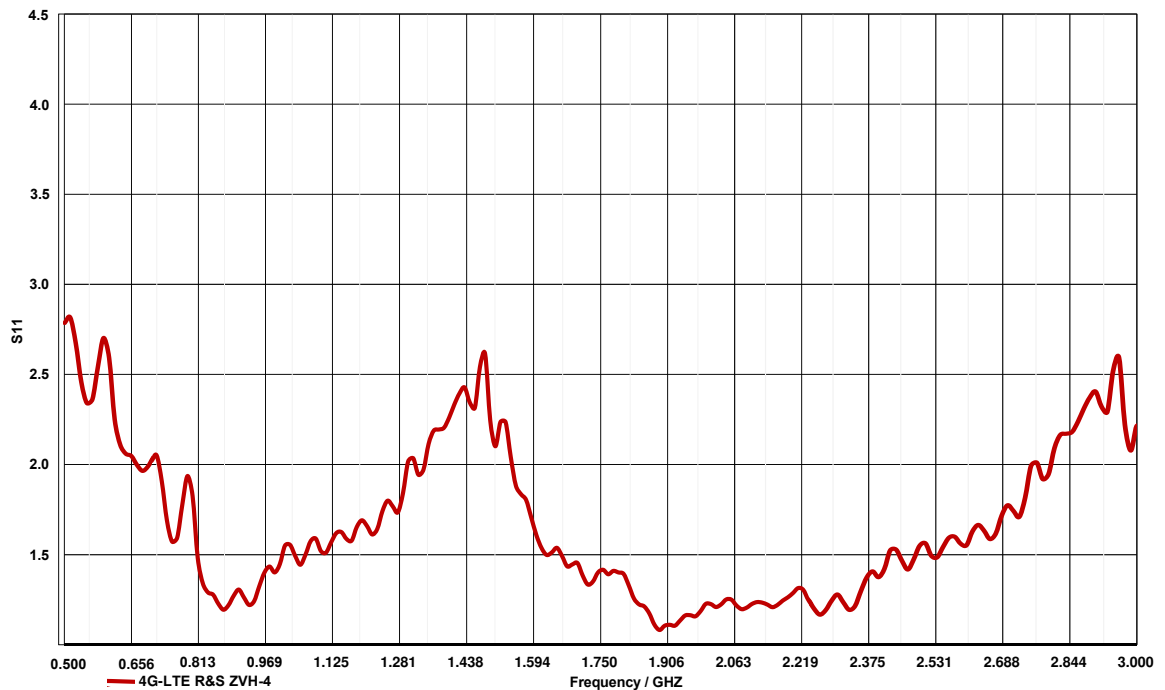
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Radiated Efficiency



Typical VSWR



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CAD Data

