

Product: ADYNA-48/P

Product Order Code:
BM-02 Range

Wideband Puck Antenna

LTE (EU & NORTH AMERICA), CELLULAR (2G, 3G)

- High efficiency Puck antenna designed for global approved network use
- RoHS 2011/65/EU & RoHS3 (2015/863/EU compliant)
- Request samples for test & evaluation via enquiry@bloomice.com



Technical Data

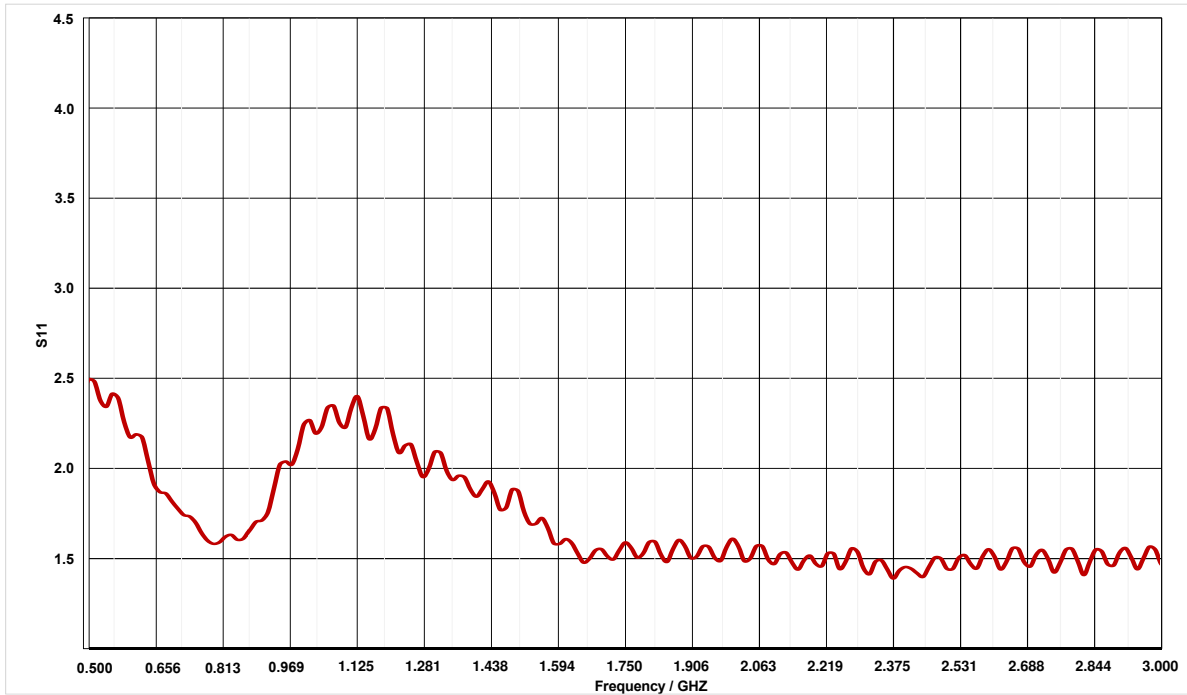
Dimensions	48mm (H) x 104mm (L) x 67mm (W) (Excluding 3M pad)	
Weight	85g	
Construction Materials	PC/ABS UL94 V0 UV Stable	
Mounting Arrangement	3M Self Adhesive Fixing Pad Mounting on any surface (glass, metal, plastic etc.)	
Temperature Range	-40°C to +85°C	
Protection Class	IP66 IEC 60529)	
Cellular 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	
Peak Gain	LTE 700 + GSM 900: GSM 1800: UMTS: WLAN + LTE (High):	@ 790-960 MHz; 3.6dBi @ 1710-1880 MHz; 5.1dBi @ 1920-2170 MHz; 5.3dBi @ 2300-2700 MHz; 3.2dBi
Radiation Pattern	Omni-Directional (individual patterns detailed below)	
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)	≤ 1.9:1 (All Bands)	
Radiator Type	Dipole	
Cable type(s)	LL100 50 Ohm Low Loss / RG174	
Cable length	According to customer specification	
Connector	According to customer specification	
Test & measurement conditions	300mm x 300mm Ground Plane / 1.5m LL100 Cable	

dB_i: Referenced to an isotropic radiator

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VSWR Data



Radiated Efficiency

