ignion^w

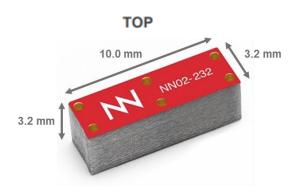
Your innovation. Accelerated.

BAR mXTENDTM (NN02-232)



BAR mXTEND™ (NN02-232)

The BAR mXTEND™ antenna booster is a versatile antenna oriented to provide a cost-effective performance in **any loT environment**. This antenna booster has been specifically designed for providing multiband performance in wireless devices for 2G/3G/4G bands.





Product Benefits

- **Top performance**: Top multiband IoT performance in an ultracompact form factor: 10.0 mm x 3.2 mm x 3.2 mm.
- Multiband & Multiport: 2G/3G/4G/5G, LTE-M and NB-IoT applications.
- **Global reach:** Through multiband performance (compatible with multiple regional standards).
- **Reliability**: Off-the-Shelf standard product, no antenna part customization (electronic optimization).
- Use cases: Small tracking devices, IoT sensors and IoT cellular/ISM modules, mobile devices.

Operation Bands Summary

• GSM, UMTS, LTE (824 – 960MHz and 1710 – 2170MHz).

3



1. AVAILABLE SOLUTION SUMMARY

Class	Frequency Regions	Frequency range	More detailed info
1 Port	2	824 – 960 MHz & 1710 – 2170 MHz	CELLULAR MOBILE

2. CELLULAR SOLUTION

Technical features	824 – 960 MHz	1710 – 2170 MHz	
Average Efficiency	> 60 %	> 75 %	
Peak Gain	1.3 dBi	2.1 dBi	
VSWR	< 3:1		
Radiation Pattern	Omnidirectional		
Polarization	Linear		
Weight (approx.)	0.21 g		
Temperature	-40 to +125 °C		
Impedance	50 Ω		
Dimensions (L x W x H)	10.0 mm x 3.2 mm x 3.2 mm		

Technical features. Measures from the evaluation board (131 mm x 60 mm x 1 mm).

If you need assistance to design your matching network, please contact support@ignion.io

You can also try our free of charge¹ NN Wireless Fast Track service you will receive a tailored antenna design approach for free in 24h¹. discover the feasibility of your next wireless project including the antenna!

Last Update: January 2021

¹ See terms and conditions for a free NN Wireless Fast-Track service in 24h at: https://www.ignion.io/fast-track-project/

ignion^w

Contact: support@ignion.io +34 935 660 710

Barcelona

Av. Alcalde Barnils, 64-68 Modul C, 3a pl. Sant Cugat del Vallés 08174 Barcelona Spain

Shanghai

Shanghai Bund Centre 18/F Bund Centre, 222 Yan'an Road East, Huangpu District Shanghai, 200002 China

New Dehli

New Delhi, Red Fort Capital Parsvnath Towers Bhai Veer Singh Marg, Gole Market, New Delhi, 110001 India

Tampa

8875 Hidden River Parkway Suite 300 Tampa, FL 33637 USA

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Antennas category:

Click to view products by Fractus Antennas manufacturer:

Other Similar products are found below:

GAN30084EU 930-033-R GW17.07.0250E 1513563-1 EXE902SM APAMPG-117 MAF94383 W3908B0100 W6102B0100 YE572113-30RSMM 108-00014-50 66089-2406 A09-F8NF-M A09-F5NF-M RGFRA1903041A1T W3593B0100 W3921B0100 SIMNA-868 SIMNA-915 SIMNA-433 W1044 W1049B090 WTL2449CQ1-FRSMM CPL9C EXB148BN 0600-00060 TRA9020S3PBN-001 GD5W-28P-NF MA9-7N GD53-25 GD5W-21P-NF EXB144SM C37 MAF94051 GD35-17P-NF P1744 MA9-5N EXD420PL B1322NR QWFTB120 MAF94271 MAF94300 GPSMB301 FG4403 AO-AGSM-OM54 5200232 MIKROE-2349 WCM.01.0111 MIKROE-2393 MIKROE-2352