

## nCELL-F2240

5G NR Femtocell

2 x 2 MIMO 2 x 250 mw 128 RRC Subscribers

The nCELL-F2240 from BTI is an enterprise-level 5G integrated Femtocell applying 5G NR technology. The product connects to the backbone network through wired backhaul and provides 5G access for terminals. It supports the transmission of voice and data with indoor wireless broadband coverage.



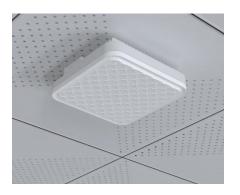
## **KEY FEATURES**

- Integrated design of baseband and radio head
- Based on 3GPP R15 technology with high-speed data and low latency services
- Supports up to 100 MHz bandwidth
- 35W low power consumption
- Convenient networking, plug and play solution, easy and flexible deployment
- Plentiful security service provides real-time protection, to prevent potential security risks and illegal intrusion
- Web-based management, convenient and intuitive
- Complete network management function
- Humanized indicator light, easy to observe and manage equipment status
- IP3X protection level

## **APPEARANCE**







HARDWARE SPECIFICATIONS	
Work Style	5G SA
Working Frequency	SKU1: N48*/N41/N77/N78(3300-3800Mhz) SKU2: N79(4400-5000Mhz)
Working Bandwidth	FR1: 100Mhz
Transmit Power	2 x 24 dBm
frequency Error	± 0.1 ppm
Sensitivity	< -96 dBm
EVM	64QAM/256QAM, ≤5%
ACLR	≤-45dBc
Synchronization	Supports GPS/Beidou, IEEE 1588 V2
MIMO	2 x 2
<b>Equipment Size</b>	240 x 240 x63.5mm(L x W x H)
Installation Method	Wall hanging, ceiling

Copyright © 2022 BTI WIRELESS All rights reserved.



## nCELL-F2240 DATASHEET

Power Consumption	< 45W
Power Supply	12V DC/10A
Weight	< 2.9 kg
Operating Temperature	-10 °C ~ +40 °C

SOFTWARE SPECIFICATIONS	
Technical Standard	3GPP Release 15
Peak Rate (20 MHz Bandwidth)	DL: 780 Mbps (256QAM)/ UL: 400 Mbps (64QAM)
Operational Capacity	128 Subscribers
Scheduling Method	3GPP standard QCI
Network Management Interface	Supports TR069 interface protocol
МТВГ	5 Years
MTTR	< 1 hour
O&M	Remote/local maintenance, based on SSH protocol
	Online status management
	Performance statistics
	Fault management
	Configuration management
	Local or remote software upgrade and loading
	Supports log
	Connectivity diagnosis
	Self-start and self-configuration deployment
	Alarm reporting
	Supports KPI reporting
	User information tracking

**Contact Us Today** www.btiwireless.com sales@btiwireless.com

Copyright © 2022 BTI WIRELESS All rights reserved.