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 R16 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: N41(2496-2690Mhz) SKU2: N48/N78(3500Mhz-3800Mhz) SKU3: N79(4800Mhz-5000Mhz)
Working Bandwidth	40/60/80/100Mhz
Transmit Power	2 x 24 dBm
frequency Error	± 0.1 ppm
Sensitivity	< -96 dBm
EVM	64QAM/256QAM, ≤5%
ACLR	≤-45dBc
Synchronization	Support GPS, 1588v2
MIMO	2 x 2
Equipment Size	200 x 200 x64mm(L x W x H)
Installation Method	Wall hanging, ceiling

Power Consumption	< 45W
Power Supply	12V DC/10A
Weight	< 1.5 kg
Operating Temperature	-10 °C ~ +40 °C

SOFTWARE SPECIFICATIONS	
Technical Standard	3GPP Release 16
Peak Rate (100 MHz Bandwidth)	7D2U: DL: 810 Mbps (256QAM)/ 3U1D: UL: 480 Mbps (64QAM)
Operational Capacity	128 Subscribers
Scheduling Method	3GPP standard QCI
Network Management Interface	Supports TR069 interface protocol
MTBF	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

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