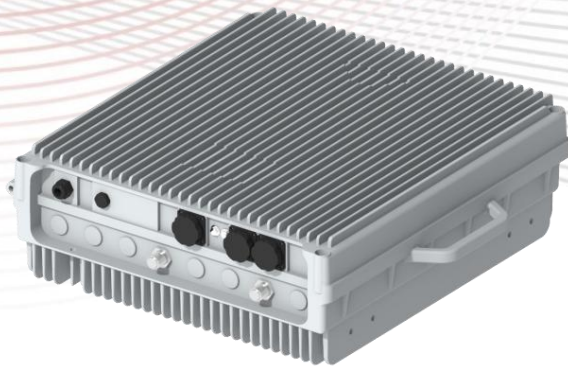




RU2460

HIGH POWER RRU

2T2R Digital Radios

40W (46dBm) Output Power

Passive Cooling

IP65 Outdoor Rated

The RU2460 from BTI Wireless is an advanced outdoor LTE product that operates in FDD mode. This RRU with sCELL-T4000 provide users with high-speed broadband wireless access to the Internet using 2x40W output power (2x2 MIMO with 40W output each channel). This RRU can operate in 5, 10, 15 or 20 MHz bandwidth.

KEY FEATURES

- Supports Band 2T2R
- Up to 40W (46dBm) Output Power
- Supports Cascading
- Supports FDD
- Supports External Alarm

TECHNICAL SPECIFICATIONS

SYSTEM

Bandwidth per Channel (Downlink & Uplink)	≤ 20 MHz (Contiguous)
Digital Bandwidth per Channel (Downlink & Uplink)	5/10/15/20 MHz
Redundancy	Cascading

SUPPORTED BANDS

Band Frequency	3GPP Band	Downlink Frequency	Uplink Frequency	Max Bandwidth
2100 MHz FDD	1	2110MHz-2170MHz	1920MHz-1980MHz	20
1800 MHz FDD	3	1805MHz-1880MHz	1710MHz-1785MHz	20
850 MHz FDD	5	869MHz-894MHz	829MHz-849MHz	20
900 MHz FDD	8	925MHz-960MHz	880MHz-915MHz	20
700 MHz FDD	28	758MHz-803MHz	703MHz-748MHz	20

INTERFACES

Antenna Interface (All bands)	N Female
Optical Connector Type	SFP+, Standard LC
Optical Transmission Rate	9.8304GB/s
Optical Fiber Length	1.4 km/ 10 km/ 30 km 0.87mi / 6.21mi / 18.64mi
Physical Alarms	DB9, Female
Maintenance Interface	Ethernet RJ45

ELECTRICAL

Complies with	3GPP TS36.106 3GPP TS25.106
EMC	EN 301489-1 / -50, EN 55032
Safety	EN 60950-1, EN 60950-22, EN 62368-1, EN 50385
Maximum Power Consumption	350W

ENVIRONMENTAL

Mean Time Between Failure (MTBF)	> 100,000 hours
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Operating Temperature	-40 °C ~ +55 °C -40 °F ~ +131 °F
Storage Temperature	-40 °C ~ +70 °C -40 °F ~ +158 °F
Humidity	5% ~ 95% (Non-Condensing)
Cooling	Passive
Installation	Wall or Pole
Ingress Protection Rating	IP65 (Outdoor)
Complies with	EN 300019-1-1, EN 300019-1-2, EN 300019-1-4
Power Supply	176-264V AC, 45-65 Hz 48VDC ± 20%

MECHANICAL

Size (Width x Height x Depth)	420*450*164.5 mm 16.53*17.71*6.48 in
Weight	≤22.0 kg 48.50 lbs

Contact Us

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