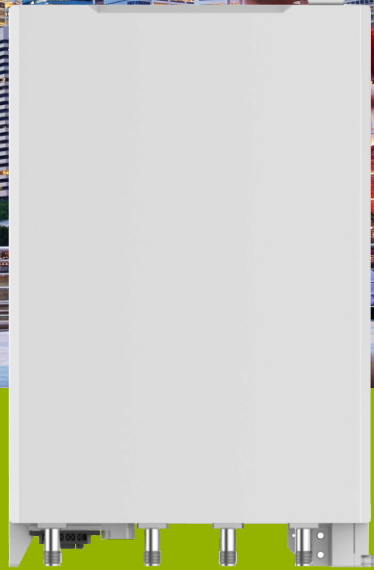




## RRU5800 Band7 Outdoor Remote Radio Unit



RRU5800-B7 is one series of LTE RRU(Remote Radio Unit) product portfolio of Hytera. With optical fiber between RRU & BBU(Base Band Unit) , extra high speed, low signal processing delay can be guaranteed.

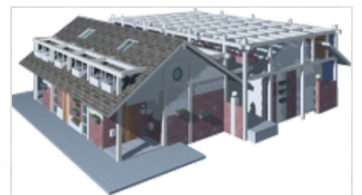
### RRU5800-B7's main functions:

- Connecting with BBU, transmit downlink data of BBU(Base Band Unit) and receive uplink data.
- In uplink, RRU receive radio signal from antenna system, via DDC(Digital Down Convert) , change signal to intermediate frequency; with power amplifier, A/D conversion, then transfer data to BBU; In downlink, after signal filter, D/A conversion and DUC(Digital Up Convert), it transmits data to antenna system.

### Application Scenarios Application Scenarios



Dense Urban/Urban



Hotspot/Blindspot

### Highlights

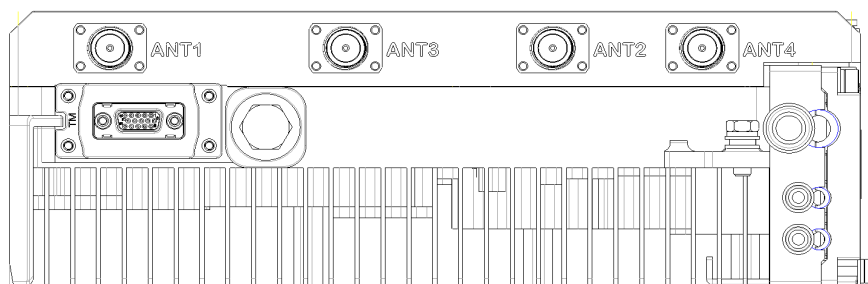
- Follow 3GPP standards
- Maximum output 4x40W with one carrier, OBW 70MHz, 4T4R
- Be flexible to support different kinds of deployment scenarios
- Support Operator's Operation Administration and Maintenance system; Support centralized management, configuration and software upgrade.

## Specification

### Radio Part

Band	UL: 2500MHz~2570MHz DL: 2620MHz~2690MHz	Carrier Bandwidth	5M/10M/15M/20M
TX Power	4x40W	Mode	FDD
Channels Configuration	4T4R	VSWR	Supported

### Interface



Antenna Port	4	OPT	10G SFP+ port×2(OPT 1-2)
Power	DC -48V ×1	Network Port	FE port×1 (OMT)
LED	RUN, ALM, OPT2, OPT1, VSWR, ACT		

### Physical Parameter

Equipment Type	Outdoor	Antenna Type	External
Size	425mm×296mm×130mm	Power Supply	DC -48V
Weight	≤ 18.3kg	Power Consumption	<570W
Installation	Wall or Pole mounted	Cooling Mode	Nature cooling method

### Working Environment

IP RATE	IP66	Environment	-40°C~55°C
Environmental protection	RoHS	Operation Humidity	5%~95%
EMC	Compliance with YD/T 2583.17, 3GPP TS 38.113	MTBF	> 250,000Hours



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