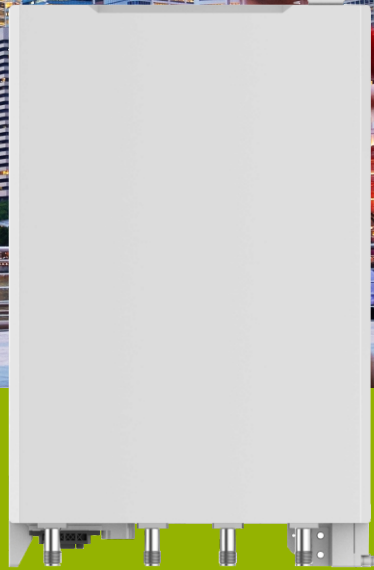




RRU5800 Band1 Outdoor Remote Radio Unit



RRU5800-B1 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.

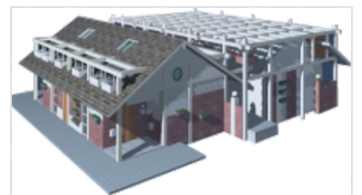
RRU5800-B1's main functions:

- 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

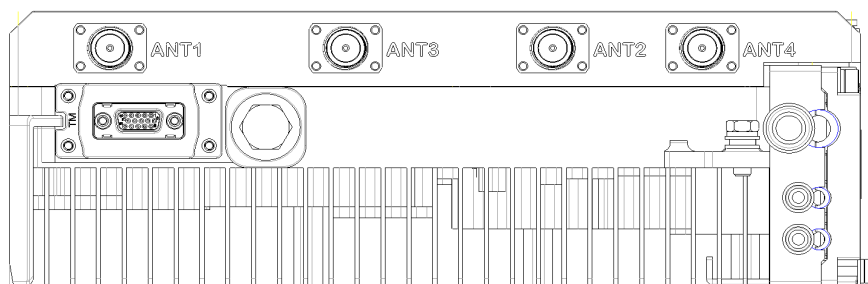
- Follow 3GPP standards
- Maximum output 4x40W with one carrier, OBW 60MHz, 4T4R
- Be flexible to support different kinds of deployment scenarios
- Support Operator's Operation Administration and Maintenance system; Support centralized management, configuration and software upgrade.

Specification

Radio Part

Band	UL: 1920MHz~1980MHz DL: 2110MHz~2170MHz	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



Hytera Communications Corporation Limited

Address: Hytera Tower, Hi-Tech Industrial Park North, Beihuan Rd.,
Nanshan District, Shenzhen, China

Tel: +86-755-2697 2999 **Fax:** +86-755-8613 7139 **Post:** 518057

Http: //www.hytera.com **Stock Code:** 002583.SZ



Hytera retains right to change the product design and specification. Should any printing mistake occur, Hytera doesn't bear relevant responsibility. Little difference between real product and product indicated by printing materials will occur by printing reason.

Hytera, are registered trademarks of Hytera