

Main Features

- Support 2x2 MIMO for band 1/3/7/8 and 4x4 MIMO for n78
- PBMU supports 12 channels, 4 ports per channel, each channel supports one frequency band, independent ATT per each port,
- Automatically balance the input power from different operator's RRU and combine the same band signal in single output
- Power detection for each operator and technology
- Support up to 16/8(4G/5G) NEUs from one single PBMU
- Management via OMT or NMS management software



Electrical Specifications

		Uplink	Downlink
Frequency	Band 1 (2x2 MIMO)	1920 - 1980 MHz	2110 - 2170 MHz
	Band 3 (2x2 MIMO)	1710 - 1785 MHz	1805 - 1880 MHz
	Band 7 (2x2 MIMO)	2500 - 2570 MHz	2620 - 2690 MHz
	Band 8 (2x2 MIMO)	885 - 915 MHz	930 - 960 MHz
	n78 (4x4 MIMO)	3300 - 3800 MHz	3300 - 3800 MHz
Gain		-20 ± 2 dB	-20 ± 2 dB
RF Output Power		-30 ± 1 dBm (RF)	---

Environmental Specifications

Operating temperature range	-10°C to +45°C
Storage temperature range	-40°C to +85°C
Relative humidity	10% - 95%
Ingress protection	IP40 for indoor
Monitoring and control	RJ45 (local)
	3G&4G wireless modem/Ethernet (remote)
Cooling	Nature cooling

Mechanical Specifications

Optical connector	32 x SC/APC
RF connector	ACU: 48 x QMA-Female (12 sets of Tx/RX ports, 4 ports per each set, and each set support one frequency band)
Installation	19' Rack Mounting

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