

Main Features

- Support 2x2 MIMO for band 1/3 and 4x4 MIMO for Band40/n41
- Band 41 supports 4G or 5G technology optional
- PBMU supports 12 channels, 3 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
	Band40 (4x4 MIMO)	2300 - 2400 MHz	2300 - 2400 MHz
	Band/n41 (4x4 MIMO)	2496 - 2690 MHz	2496 - 2690 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	IP30 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	IM2U: 12 x QMA-Female (2 ports for band 1/3 SISO and 2 ports for band 1/3 MIMO, 4 ports for band 40 4x4 MIMO, and 4 ports for n41 4x4 MIMO) PBU: 36 x QMA-Female (12 sets of Tx/RX ports, 3 ports per each set, and each set support one frequency band)
Installation	19' Rack Mounting

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