Microamp

M202 5G mmWave CPE

High-Speed FWA Outdoor CPE.

Product Overview

The **M202 5G mmWave CPE** is a high-speed packet access FWA terminal designed for outdoor use with an IP65 rating. It supports both 5G mmWave and Sub-6 technologies, working in SA and NSA mode. It is powered by PoE and provides a 10GbE port that can transmit multi-gigabit high-speed connections for internet access. The **M202 5G mmWave CPE** is based on the Qualcomm SDX65 chipset, which conforms to 3GPP Release 16 standard, and two QTM547 mmWave antennas.

Key Features

Operating Frequency
5G mmWave: n257/n258

Ethernet
10GbE, PoE (nonstandard default)

IP Grade
IP65

MIMO
2x2

Chipset
Qualcomm SDX65

Antenna
2x QTM547

About Microamp

Microamp designs and delivers multi-gigabit, ultra-low latency 5G mmWave networks based on purpose-built radios. Leveraging deep tech expertise and a network of partners, Microamp empowers industries, System Integrators, MNOs, governments and research institutions with new dimensions of wireless connectivity.

Specification

Technical Standard	5G SA/NSA, mmWave, Sub-6GHz, 4G LTE
Operating Frequency	**5G mmWave:** n257/n258 **5G Sub-6:** n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n77/n78/n79
5G Standard	3GPP Release 16
5G Peak Data Throughput (theoretical)	**DL:** up to 10 Gbps (mmWave) **UL:** up to 3.38 Gbps (mmWave)
MIMO	2x2
Chipset	Qualcomm SDX65
Antenna	Two (2) QTM547 mmWave antennas
EIRP	45 dBm
Ethernet	10GbE, PoE (nonstandard default)
USIM	Nano SIM (4FF)
WiFi	Not Available
IPv4/IPv6	Support
USB	USB 2.0 micro (only for debugging)
Power Consumption	< 60 W
Cooling	Fan-less
Dimensions	186 x 111 x 35 mm (with radiator 53.5 mm)
Weight	850 g
Install	Pole/wall
Operating Environment	**Temperature:** -40°C to 50°C **Humidity:** 5% to 95%
IP Grade	IP65
Package	M202 CPE, Port Cover with Ethernet Cable, PoE Injector and AC Power Cord, Mounting Kit

microamp-solutions.com
hello@microamp-solutions.com