

Microamp 5G mmWave Starter Kit

A multi-gigabit, near-zero latency carrier-grade 5G mmWave network for rapid deployment.



Specification

Latency	<5 ms
Deployment	end-to-end network
Frequency Band	n257 (26.5 - 29.5 GHz) n258 (24.25 - 27.5 GHz)
Bandwidth	800 / 400 MHz
Applications	indoor, outdoor, distributed small cell, macro cell, fwa
Throughput (outdoor/indoor)	4/2 Gbps

Product Overview

Microamp 5G mmWave Starter Kit is an enterprise-grade, end-to-end 5G mmWave network that can be easily deployed in any outdoor or indoor scenario without substantial upfront investment.

Providing multi-gigabit throughput and near-zero latency, the Microamp 5G mmWave Starter Kit is perfect for implementing applications that require processing massive amounts of data in real-time and connecting any 5G assets, such as cameras, vehicles, robots, sensors, or smartphones.

It is a turnkey solution that allows for rapid deployment of a fully functional 5G mmWave wireless network in a test environment or directly in the facility in a matter of hours.

Microamp 5G mmWave Starter Kit supports all unique Microamp 5G mmWave network features, such as Integrated Access and Backhaul, with Backhaul Adaptation Protocol applied in the DU layer, Mobility Mode, and Uplink-heavy System

Each Kit can be adjusted to unique connectivity requirements and integrated with the core/transport network, CPEs, or end devices.

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.

Basic Starter Kit Composition

2 x 5G mmWave Radio - Two CellBox 5G mmWave Radios. For outdoor (CellBox Air) and indoor (CellBox Lite) use.

5G mmWave RAN - 3GPP-compliant 5G mmWave RAN, providing high computing capacity.

5G mmWave Core Network - Scalable network core with a user-friendly interface, easy to install and manage.

3 x CPE - Three units of Customer Premises Equipment for integrating end devices with the network.

Why Starter Kit from Microamp?

Fully functional mmWave - A carrier-grade mmWave network, ready to power all your use cases.

Easy to install - An out-of-the-box solution that can be deployed within hours.

Adjustable and agile - Each Starter Kit can be adjusted to individual connectivity needs and support specific use case deployments.