

Mobile and Wireless Backhaul Market by Component (Equipment and Services[Designing & Consulting, Integration & Deployment]), Equipment (Microwave, Millimetre Wave, Sub-6 Ghz), Network Technology (5G, 4G, and 3G & 2G), and Region - Global forecast to 2026

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Abstracts

The global Mobile and wireless backhaul Market size is expected to grow from USD 9.3 billion in 2020 to USD 15.5 billion by 2026, at a Compound Annual Growth Rate (CAGR) of 8.8% during the forecast period. The small cell technology enables CSPs deploy sites in dense locations with smaller coverage but higher capacities, along with reducing the congestion on macro cells. The deployment of small cells will significantly reduce operational costs, which is a driving factor for shifting focus on technology advancement. Hence, with the increasing deployment of small cells and network components, the need for scalable, efficient, and cost-effective backhaul solutions is increasing, and the traction of the mobile and wireless backhaul market has also increased.

“By Network technology, the 5G segment to grow at the highest CAGR during the forecast period”

By network technology, the 5G segment is expected to grow at the highest growth rate during the forecast period. 5G can handle higher frequency bands between 30GHz and 300GHz. The higher frequencies enable wider channel bandwidths at the access but also result in smaller cell size. 5G is said to reach speeds that are 20 times faster than 4G LTE, theoretically achieving speeds of 20GB per second. The advent of 5G has driven mobile operators to strive for more network capacity, latency reduction, and the

need to deliver an enhanced user experience.

“By Equipment, the Microwave segment to hold the largest market size during the forecast period”

The Microwave equipment is expected to hold the largest market size. Microwave equipment holds a major portion of the total mobile and wireless backhaul equipment market. Factors, such as reduced TCO and faster deployment, lead to the rise in microwave equipment deployment. Being a cost-effective choice in place of fiber, mobile operators using microwave backhaul equipment are deploying solutions for increasing capacity to provide cost-effective, high capacity backhaul solutions..

“By region, Asia Pacific to grow at the highest CAGR during the forecast period”

The Asia Pacific (APAC) market is projected to grow at the highest CAGR during the forecast period. Government initiatives to promote the digital infrastructure are responsible for driving the adoption of high-performance and high-capacity backhaul solutions in the region. In APAC, the real opportunity for backhaul deployments lies particularly in regions where there are high utilization of 4G and 5G networks. This, in turn, provides tremendous opportunities for mobile and wireless backhaul vendors as there are huge amounts of data that require to be backhauled and with the least amount of latency. The major contributors to the APAC mobile and wireless backhaul market are China and Japan.

The breakup of the profiles of the primary participants is given below:

By Company: Tier 1 – 35%, Tier 2 – 39%, and Tier 3 – 26%

By Designation: C-Level Executives – 55%, Directors– 40%, Others*–5%

By Region: North America – 38%, Europe – 40%, APAC – 21%, and RoW** – 1%

Note: Tier 1 companies have revenues over USD 10 billion; tier 2 companies have revenues ranging from USD 1 billion to USD 10 billion; and tier 3 companies have revenues ranging from USD 500 million to USD 1 billion

*Others include market experts and industry analysts

**RoW includes MEA and Latin America

The following key Mobile and wireless backhaul vendors are profiled in the report:

Ericsson

Huawei

Nokia

NEC Corporation

ZTE

Fujitsu

Broadcom

SIAE

Ceragon

Aviat

Proxim Wireless

Intracom Telecom

CBNG

CableFree

AR RF/Microwave Instrumentation

Redline

DragonWave-X

E-Band

Radwin

Commscope

CCS

Siklu

Blu Wireless

Fastback

Eravant

BLiNQ

EC SYSTEM

Research Coverage

The Mobile and wireless backhaul Market is segmented into component, equipment, services, network technology, and region. A detailed analysis of the key industry players has been undertaken to provide insights into their business overviews; services; key strategies; new service and product launches; partnerships, agreements, and collaborations; business expansions; and competitive landscape associated with the Mobile and wireless backhaul Market.

Reasons to Buy the Report

The report would help the market leaders and new entrants in the following ways:

It comprehensively segments the Mobile and wireless backhaul Market and provides the closest approximations of the revenue numbers for the overall market and its subsegments across different regions.

It would help stakeholders understand the pulse of the market and provide information on the key market drivers, restraints, challenges, and opportunities

in the market.

It would help stakeholders understand their competitors better and gain more insights to enhance their positions in the market. The competitive landscape section includes a competitor ecosystem, new product launch, product enhancement, partnerships, mergers, and acquisitions.

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*Details on Business Overview, Products Offered, Recent Developments, MnM View, Key Strengths/Right to Win, Strategic Choices Made, and Weakness and Competitive Threats might not be captured in case of unlisted companies.

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