

South Korea Mobile and Wireless Backhaul Market Size, Share, Trends and Forecast by Equipment Type, Network Topology, Services, and Region, 2026-2034

<https://marketpublishers.com/r/S94DB3DE76C9EN.html>

Date: July 2026

Pages: 121

Price: US\$ 2,999.00 (Single User License)

ID: S94DB3DE76C9EN

Abstracts

The South Korea mobile and wireless backhaul market size reached USD 916.4 Million in 2025. Looking forward, the market is projected to reach USD 2,412.0 Million by 2034, exhibiting a growth rate (CAGR) of 11.01% during 2026-2034. Rising data traffic, 5G rollout, and demand for low-latency connectivity are driving the market. Government investments in smart infrastructure and expanding urban coverage further support the increasing South Korea mobile and wireless backhaul market share.

SOUTH KOREA MOBILE AND WIRELESS BACKHAUL MARKET TRENDS:

Integration of 5G Infrastructure

A prominent trend in the South Korea mobile and wireless backhaul market is the accelerated deployment of 5G infrastructure. With nationwide 5G expansion a key government objective, telecom providers are upgrading existing backhaul systems to accommodate higher data rates and ultra-low latency requirements. For instance, in February 2024, Stage X, a consortium led by Kakao affiliate Stage Five, secured South Korea's 28 GHz spectrum to become the country's fourth mobile operator. Paying over USD 322 Million, Stage X outbid rivals to enter the competitive 5G market. The company plans to offer 28 GHz 5G services using devices from Samsung, Apple, and Google. The shift from legacy microwave links to high-capacity fiber and millimeter wave technologies is enabling more efficient transport networks suited for 5G traffic. These changes are particularly evident in dense urban areas like Seoul and Busan, where data demands from users and enterprises are among the highest. This trend reflects the broader trajectory of South Korea mobile and wireless backhaul market growth, aligning with global technological advancements and policy support aimed at

reinforcing digital competitiveness and connectivity standards.

Rising Adoption of Millimeter Wave and Sub-6 GHz Technologies

The South Korea mobile and wireless backhaul market is experiencing increased adoption of millimeter wave and sub-6 GHz technologies, driven by their ability to offer higher throughput and more reliable performance in varied terrains. These frequency bands are especially useful in bridging coverage gaps in densely populated regions and geographically constrained locations. As 5G densification progresses, operators are leveraging these bands for short-range but high-capacity links that complement fiber deployments. Additionally, the flexibility and cost-efficiency of these wireless solutions make them suitable for rapid network rollouts, particularly in rural and semi-urban zones. This technological shift is playing a critical role in sustaining South Korea mobile and wireless backhaul market growth across diverse topographies and deployment scenarios. For instance, in February 2025, South Korean researchers at ETRI have developed aerial mobile network technology that enables high-speed wireless communication during disasters. Using drones and UAM vehicles equipped with 5G small cells and backhaul terminals, the system achieved 1.3 Gbps over 2.5 km and 300 Mbps over 10 km, supporting emergency communications when ground infrastructure fails.

SOUTH KOREA MOBILE AND WIRELESS BACKHAUL MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country/regional level for 2026-2034. Our report has categorized the market based on equipment type, network topology, and services.

Equipment Type Insights:

Microwave Equipment

Millimetre Wave Equipment

Sub-6 GHz Equipment

Testing and Measurement Equipment

The report has provided a detailed breakup and analysis of the market based on

the equipment type. This includes microwave equipment, millimetre wave equipment, sub-6 GHz equipment, and testing and measurement equipment.

Network Topology Insights:

- Point to Point Configuration (PTP)

- Point to Multipoint Configuration (PTM)

A detailed breakup and analysis of the market based on the network topology have also been provided in the report. This includes point to point configuration (PTP) and point to multipoint configuration (PTM).

Services Insights:

- Network Services

- System Integration Services

- Professional Services

The report has provided a detailed breakup and analysis of the market based on the services. This includes network services, system integration services, and professional services.

Regional Insights:

- Seoul Capital Area

- Yeongnam (Southeastern Region)

- Honam (Southwestern Region)

- Hoseo (Central Region)

- Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoso (Central Region), and others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea mobile and wireless backhaul market performed so far and how will it perform in the coming years?

What is the breakup of the South Korea mobile and wireless backhaul market on the basis of equipment type?

What is the breakup of the South Korea mobile and wireless backhaul market on the basis of network topology?

What is the breakup of the South Korea mobile and wireless backhaul market on the basis of services?

What is the breakup of the South Korea mobile and wireless backhaul market on the basis of region?

What are the various stages in the value chain of the South Korea mobile and wireless backhaul market?

What are the key driving factors and challenges in the South Korea mobile and wireless backhaul market?

What is the structure of the South Korea mobile and wireless backhaul market and who are the key players?

What is the degree of competition in the South Korea mobile and wireless backhaul market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 SOUTH KOREA MOBILE AND WIRELESS BACKHAUL MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 SOUTH KOREA MOBILE AND WIRELESS BACKHAUL MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 SOUTH KOREA MOBILE AND WIRELESS BACKHAUL MARKET - BREAKUP BY EQUIPMENT TYPE

- 6.1 Microwave Equipment
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Forecast (2026-2034)
- 6.2 Millimetre Wave Equipment

- 6.2.1 Overview
- 6.2.2 Historical and Current Market Trends (2020-2025)
- 6.2.3 Market Forecast (2026-2034)
- 6.3 Sub-6 Ghz Equipment
 - 6.3.1 Overview
 - 6.3.2 Historical and Current Market Trends (2020-2025)
 - 6.3.3 Market Forecast (2026-2034)
- 6.4 Testing and Measurement Equipment
 - 6.4.1 Overview
 - 6.4.2 Historical and Current Market Trends (2020-2025)
 - 6.4.3 Market Forecast (2026-2034)

7 SOUTH KOREA MOBILE AND WIRELESS BACKHAUL MARKET - BREAKUP BY NETWORK TOPOLOGY

- 7.1 Point to Point Configuration (PTP)
 - 7.1.1 Overview
 - 7.1.2 Historical and Current Market Trends (2020-2025)
 - 7.1.3 Market Forecast (2026-2034)
- 7.2 Point to Multipoint Configuration (PTM)
 - 7.2.1 Overview
 - 7.2.2 Historical and Current Market Trends (2020-2025)
 - 7.2.3 Market Forecast (2026-2034)

8 SOUTH KOREA MOBILE AND WIRELESS BACKHAUL MARKET - BREAKUP BY SERVICES

- 8.1 Network Services
 - 8.1.1 Overview
 - 8.1.2 Historical and Current Market Trends (2020-2025)
 - 8.1.3 Market Forecast (2026-2034)
- 8.2 System Integration Services
 - 8.2.1 Overview
 - 8.2.2 Historical and Current Market Trends (2020-2025)
 - 8.2.3 Market Forecast (2026-2034)
- 8.3 Professional Services
 - 8.3.1 Overview
 - 8.3.2 Historical and Current Market Trends (2020-2025)
 - 8.3.3 Market Forecast (2026-2034)

9 SOUTH KOREA MOBILE AND WIRELESS BACKHAUL MARKET – BREAKUP BY REGION

9.1 Seoul Capital Area

9.1.1 Overview

9.1.2 Historical and Current Market Trends (2020-2025)

9.1.3 Market Breakup by Equipment Type

9.1.4 Market Breakup by Network Topology

9.1.5 Market Breakup by Services

9.1.6 Key Players

9.1.7 Market Forecast (2026-2034)

9.2 Yeongnam (Southeastern Region)

9.2.1 Overview

9.2.2 Historical and Current Market Trends (2020-2025)

9.2.3 Market Breakup by Equipment Type

9.2.4 Market Breakup by Network Topology

9.2.5 Market Breakup by Services

9.2.6 Key Players

9.2.7 Market Forecast (2026-2034)

9.3 Honam (Southwestern Region)

9.3.1 Overview

9.3.2 Historical and Current Market Trends (2020-2025)

9.3.3 Market Breakup by Equipment Type

9.3.4 Market Breakup by Network Topology

9.3.5 Market Breakup by Services

9.3.6 Key Players

9.3.7 Market Forecast (2026-2034)

9.4 Hoseo (Central Region)

9.4.1 Overview

9.4.2 Historical and Current Market Trends (2020-2025)

9.4.3 Market Breakup by Equipment Type

9.4.4 Market Breakup by Network Topology

9.4.5 Market Breakup by Services

9.4.6 Key Players

9.4.7 Market Forecast (2026-2034)

9.5 Others

9.5.1 Historical and Current Market Trends (2020-2025)

9.5.2 Market Forecast (2026-2034)

10 SOUTH KOREA MOBILE AND WIRELESS BACKHAUL MARKET – COMPETITIVE LANDSCAPE

- 10.1 Overview
- 10.2 Market Structure
- 10.3 Market Player Positioning
- 10.4 Top Winning Strategies
- 10.5 Competitive Dashboard
- 10.6 Company Evaluation Quadrant

11 PROFILES OF KEY PLAYERS

- 11.1 Company A
 - 11.1.1 Business Overview
 - 11.1.2 Products Offered
 - 11.1.3 Business Strategies
 - 11.1.4 SWOT Analysis
 - 11.1.5 Major News and Events
- 11.2 Company B
 - 11.2.1 Business Overview
 - 11.2.2 Products Offered
 - 11.2.3 Business Strategies
 - 11.2.4 SWOT Analysis
 - 11.2.5 Major News and Events
- 11.3 Company C
 - 11.3.1 Business Overview
 - 11.3.2 Products Offered
 - 11.3.3 Business Strategies
 - 11.3.4 SWOT Analysis
 - 11.3.5 Major News and Events
- 11.4 Company D
 - 11.4.1 Business Overview
 - 11.4.2 Products Offered
 - 11.4.3 Business Strategies
 - 11.4.4 SWOT Analysis
 - 11.4.5 Major News and Events
- 11.5 Company E
 - 11.5.1 Business Overview

- 11.5.2 Products Offered
- 11.5.3 Business Strategies
- 11.5.4 SWOT Analysis
- 11.5.5 Major News and Events

12 SOUTH KOREA MOBILE AND WIRELESS BACKHAUL MARKET - INDUSTRY ANALYSIS

- 12.1 Drivers, Restraints, and Opportunities
 - 12.1.1 Overview
 - 12.1.2 Drivers
 - 12.1.3 Restraints
 - 12.1.4 Opportunities
- 12.2 Porters Five Forces Analysis
 - 12.2.1 Overview
 - 12.2.2 Bargaining Power of Buyers
 - 12.2.3 Bargaining Power of Suppliers
 - 12.2.4 Degree of Competition
 - 12.2.5 Threat of New Entrants
 - 12.2.6 Threat of Substitutes
- 12.3 Value Chain Analysis

13 APPENDIX

I would like to order

Product name: South Korea Mobile and Wireless Backhaul Market Size, Share, Trends and Forecast by Equipment Type, Network Topology, Services, and Region, 2026-2034

Product link: <https://marketpublishers.com/r/S94DB3DE76C9EN.html>

Price: US\$ 2,999.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S94DB3DE76C9EN.html>