

# Outdoor 5G base station within the 5th ring road in Poland





## Overview

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Are mobile operators building 5G networks in Poland?

Mobile operators in Poland have been testing 5G technology and have begun preparations for building 5G networks. While early pilot projects were mostly based on Huawei technology, in later initiatives the operators have focused on Ericsson and Nokia.

Where is 5G deployed in Poland?

Operators have prioritized 5G deployments in the richest and densest parts of Poland where fiber is heavily deployed, including the Masovian (Warsaw) and Pomeranian (Tri-City) provinces.

Does Poland have a 5G network?

While investments in DSS and the mid-band rollout have enabled Polish operators to make significant strides in 5G availability, which increased nationally from 28.5% in Q1 2024 to 43.1% in Q1 2025, regional coverage disparities continue to be a feature of the mobile network experience in Poland.

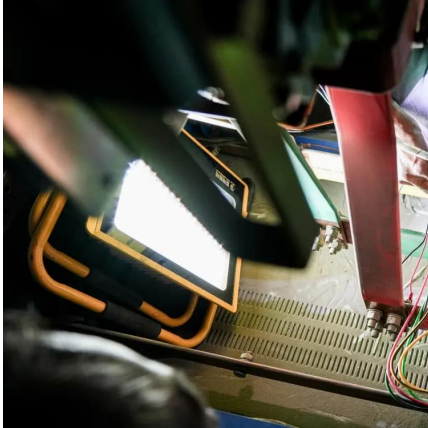
Will Poland launch a 5G network in 2023?

The business plan for Polish 5G is yet to be developed but the goal is to launch a country-wide wholesale 700 MHz network in 2023. This is pioneering solution, yet to be consulted with the European Commission. Sales opportunities are open in Poland's 5G network development.



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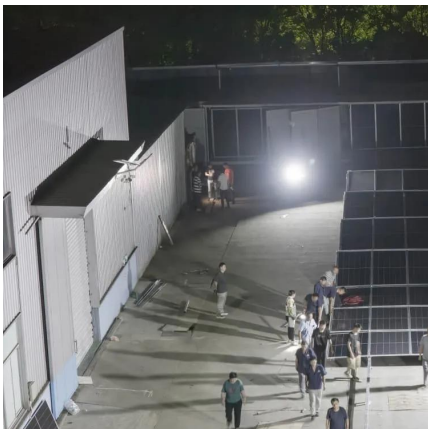


### Beijing to achieve continuous outdoor 5G coverage within the Fifth Ring

As of the end of August this year, 44,000 5G base stations have been built, and it is planned to complete the construction of 50,000 base stations by the end of this year, ...

### [5G in Poland to reach nearly 50% of subscriptions by 2027](#)

Since the commercial 5G launch in 2020, the operators have been focusing on 5G coverage expansions and making packages more attractive. Since September 2022, Orange ...



### [The 5G network in Poland and its creation](#)

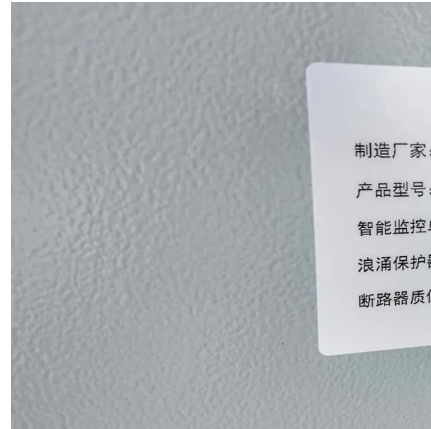
One of the main challenges related to the implementation of the 5G network in Poland was the need to modernize the existing telecommunications infrastructure. The construction of new ...

### [Orange Poland begins 5G standalone trials in Warsaw](#)

Warsaw, Poland, 10 September 2025 - Orange Poland has launched trials of 5G SA technology in Warsaw's Ochota district, using commercial indoor and outdoor base stations. The operator



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### 5G in Poland to reach nearly 50% of ...

Since the commercial 5G launch in 2020, the operators have been focusing on 5G coverage expansions and making packages more attractive. Since September 2022, Orange Poland has built 170 base ...

### There will be more 5G network base stations, but they will ...

The density of base stations in 5G network will be much higher than now. But the stations will be smaller and they will send a signal to the user with more precision than today - ...



### Poland Races to Regain 5G Competitiveness in Europe with ...

Late to the game in holding a 5G auction, Polish operators are now racing to deploy mid-band spectrum in a bid to better compete for the growing premium market segment.



## [Connecting Poland: The Pulse of 5G Innovation and Expansion](#)

By the end of 2024, Poland's extensive 5G network will set a benchmark for neighboring countries and bring many benefits, from improved connectivity to enhanced ...



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