

## SolarTech Power Solutions

# Does Finland have 5G base stations



## Overview

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Is Finland covered by a 5G network?

Half of Finland's population is soon to be covered by a 5G network. While 5G networks are constructed and consumers adopt 5G phones in increasing numbers, the application of the new technology in industry and business is making progress.

What was the purpose of 5G Finland?

5G Finland was set up to create and pilot applications and services enabled by 5G. The network of 100 companies and 300 people was active during 2017-2020.

Who dominates the 5G market in Finland?

The 5G market in Finland is dominated by three key players, Elisa, Telia, and DNA. The coverage of 5G in the country is challenged by a vast contrast between urban and rural areas.

What percentage of Finland's roads are covered by 5G & 4G?

In late 2020, 100 Mbps 5G networks covered 17% of Finland's main roads and highways and 18% of the railway network, while 100 Mbps 4G coverage was available on 57% of both networks. Figure 2. 100 Mbps 4G and 5G mobile network coverage in ideal conditions on main roads, highways and railways.

How many mobile networks are there in Finland?

Meanwhile, mobile networks offering speeds of 300 Mbps were available to 60% of households in about 1% of Finland's land area. 5G base stations, which numbered almost 3,000 in total, could be found in 109 municipalities. At the same time, 100 Mbps 4G networks covered 17% of the land area and 93% of households.

How many 5G base stations are there in the world?

In addition, a total of 819,000 5G base stations have been built by these three telecom giants, accounting for 70% of the world's total. As China has played a leading role in 5G technology, its 5G development has extraordinary significance for other countries.

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