

SolarTech Power Solutions

South America Communications sets up 5G base station



Overview

How big is the 5G base station market?

Macro cells represented USD 22.9 billion and 61.3% of the 2024 5G base station market share, providing umbrella coverage and mobility anchor services. Yet small cells are forecast to expand at a 29.4% CAGR, pushing their slice of the 5G base station market size toward USD 50 billion by 2030.

How many countries in Latin America have 5G services?

As of March 2023, eight countries in Latin America had launched commercial 5G services. The number of 5G connections is forecast to grow steadily over the next couple of years, before accelerating in the second half of the decade as new 5G markets go live and existing networks expand to cover new areas.

Will 5G increase CapEx in Latin America?

Mobile operators in Latin America have invested \$54 billion in capex over the last five years – mostly on deploying and expanding 4G networks. The rollout of 5G networks across the region is expected to drive a slight increase in capex levels, but a spike is unlikely.

Will 5G SA be available in Brazil?

Moving to cloud-native infrastructure will be crucial to enable 5G standalone (5G SA) deployments. As is the case globally, most initial 5G deployments in Latin America have used a non-standalone (NSA) architecture. 5G networks in Brazil are a notable exception. 5G SA availability will increase in other parts of the region, however.

Is 5G a good idea for businesses in Latin America?

There is also positive sentiment towards 5G among enterprises in Latin America. GSMA Intelligence research shows that enterprises in the region across all verticals find new technologies such as 5G, private networks, massive IoT, edge and slicing compelling to advance their digital

transformation.

How many 5G subscribers will Brazil have by 2025?

Around a fifth of the 52 markets, including Brazil, are expected to have more than 1 million 5G FWA subscribers by 2025. Beyond FWA, the GSMA Intelligence Consumers in Focus Survey shows consumers in Latin America have a strong interest in many other 5G use cases.

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