

Sri Lanka Fiber Optic Communication Coverage



Overview

What is the current fiber optic coverage in Sri Lanka?

In 2026, fiber optic coverage in Sri Lanka is approximately 85%, supporting widespread high-speed internet access. 3 million mobile subscriptions, exceeding its population. By mid-2022, SLT had infrastructure for 1 million fiber connections, with about 500,000 households connected, and aimed to reach 2 million by end-2023. The digital economy now accounts for 35% of Sri Lanka's GDP, reflecting substantial economic transformation through digital services, fintech, and e-commerce. ACBT Campus, Bank of Ceylon Head Office, CDB Finance (Affiliate), CINEC Campus Malabe, Department of Election Rajagiriya, Diyatha Uyana Kotte, Durdans Hospital Colombo 03, Dutch Hospital Colombo 01, Esela Uyana Obesekarapura, Fort Railway Station, Galle Face Green, HNB Bank Wellawatta, Japanese. © Sri Lanka Telecom PLC All Rights Reserved. Website Designed and Developed by Four Corners Home and business telecommunication provider for the nation. This is the main goal of the Spectrum Master Plan. This report is developed by incorporating international best practices. Welcome to SLT-MOBITEL National Fibre! You're with Sri Lanka's leading digital and ICT service provider, and international operator, revolutionising the country with an expansive 65,000+ km fibre coverage.



Article Content

FIBER OPTIC COMMUNICATION AND ITS FUTURE IN SRI LANKA

1. INTRODUCTION More often than not, the primary factor that paves the significant utilization of fiber optics in the Sri Lankan context is to the required information capacity and the blazing access speed

A5 Fibre Playbook

You're with Sri Lanka's leading digital and ICT service provider, and international operator, revolutionising the country with an expansive 65,000+ km fibre coverage. With our robust network

4G/LTE Coverage

Coverage may differ depending on your location. This map is intended as a general guide and does not guarantee precise signal availability. Various factors such as building materials, tree cover, and

Sri Lanka's Fiber Optic Growth for Rapid Internet

By 2024, this undersea cable system will link Sri Lanka to a network over 20,000 km long. It will connect France to Singapore, boosting the country's bandwidth for international use.

Optical Fiber Innovations: Powering Sri Lanka's Digital Future

Globally, optical fiber innovations are pushing the boundaries of speed, capacity, and sustainability—offering immense potential for Sri Lanka to bridge digital divides and drive economic

Spectrum Road Map Sri Lanka

In Sri Lanka, mobile operators are keen to reform their 2G and 3G spectrum for LTE, and potentially free up spectrum for 4G and subsequently for 5G. Having a technology and service neutral approach

“Gamata Sannivedanaya” (Connect Sri Lanka) Project

The Telecommunications Regulatory Commission of Sri Lanka (TRCSL) commenced the project “Gamata Sannivedanaya” (Connect Sri Lanka) to fulfill country-wide 100% 4G/Fiber

Spectrum Road Map Sri Lanka

This report is developed by incorporating international best practices that are applicable to Sri Lanka. The publication of the spectrum roadmap helps spectrum users to understand the usage of spectrum

Fiber Optic Coverage and Internet Usage Statistics in Sri Lanka (2026)

What is the current fiber optic coverage in Sri Lanka? In 2026, fiber optic coverage in Sri Lanka is approximately 85%, supporting widespread high-speed internet access.

Complete Guide to Internet Access in Sri Lanka: Fiber,

Fiber Broadband in Sri Lanka (Fixed Internet Access) High-speed fixed broadband in Sri Lanka is primarily delivered via fiber-optic networks,

Broadband

Revolutionizing internet usage across the country whilst expanding Sri Lanka's broadband capacity, SLT Broadband proudly introduced SLT Fibre (FTTx

Coverage

Base & Kethumathi Hospital Panadura, General Hospital, Railway Station Kaluthara, Railway Station Panadura, Ranmal Holiday Resort.

Complete Guide to Internet Access in Sri Lanka: Fiber, 4G, and ...

High-speed fixed broadband in Sri Lanka is primarily delivered via fiber-optic networks, supplemented in some areas by DSL (telephone lines) and fixed wireless broadband.

Fiber optic communication and its future in Sri Lanka

Thus and thus, howsoever my writing here emits an outline of fiber line communication systems enveloping their well-named technologies, and furthermore speaks on technological trend in the

Sri Lanka's Fiber Optic Growth for Rapid Internet

Sri Lanka is entering a digital era thanks to fiber optic expansion. This isn't a small step but a major leap into quick communication. The effort is led by SLT-Mobitel. They aim to connect 2

Sri Lanka Telecom Services

What makes fiber-optic internet the best option for reliable, rapid, and high-performance connectivity. As the SLTS Outside Plant department, we offer unparalleled expertise and skilled staff for projects

CAPACITY EXPANSION OF FIBRE OPTIC NETWORK IN SRI LANKA

Fiber as a physical medium gives the solution of a faster network without loss of data. In Sri Lanka, Fiber technology was adapted in the central network system.

5G, Fibre, and Starlink in Sri Lanka – What It Means for Users

Competition between fibre, 5G, and Starlink will benefit users. Instead of one company holding monopoly power, multiple technologies will complement each other to cater to different

CAPACITY EXPANSION OF FIBRE OPTIC NETWORK IN SRI LANKA

In this paper, special importance will be paid given to the architecture of optical fibers in Sri Lanka. By suggesting altered options on the subject of the network, the capacity can be increased. Putting up

Fiber Optic Coverage and Internet Usage Statistics in Sri Lanka (2026)

Comprehensive 2026 data on Sri Lanka's fiber optic coverage and internet usage, highlighting digital infrastructure growth.

Contact Us

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