

Current Status of the National Optical Fiber Network

Preview

As of March 25, 2025, the Optical Fiber Cable (OFC) length has increased to 42. 12,21,014 Fibre-To-The-Home (FTTH) connections are commissioned 1,04,574 Wi-Fi hotspots are installed. A: BharatNet is an ambitious project of the Government of India aimed at providing broadband connectivity to all Gram Panchayats (GPs) in the country. What is BharatNet? About: The National Optical Fibre Network (NOFN) was launched in 2011 and later renamed the BharatNet Project. Content Provided by Bharat Broadband Network Limited. Kerala (81,764 km) and Tamil Nadu (86,944 km) lead, with Andhra Pradesh and Telangana also showing strong growth. India has shown substantial progress in expanding its optical fibre cable (OFC). The Department of Telecommunications (DoT) looks back on 2025 as a year of profound transformation, highlighted by major achievements in connectivity, digital infrastructure, citizen-centric governance, and technological self-reliance. This period witnessed unprecedented growth in telephone and.

Current Status: As of 2025, approximately 2.18 lakh GPs have been made service-ready under the BharatNet project. The total Optical Fiber Cable

India has shown substantial progress in expanding its optical fibre cable (OFC) network, laying a total of 698,010 route kilometres across the

The National Optical Fiber Network (NOFN) is a government project aimed at providing broadband connectivity to 2, 50,000 Gram Panchayats in an effort to provide last mile connectivity as critical

Financial Outlay and Utilisation of Fund: The Cabinet has approved the implementation of National Optical Fiber Network (NOFN) for providing broadband connectivity to 2,50,000 Gram Panchayats

Submarine and terrestrial fiber optic cables form the backbone of modern global communication, carrying data across continents at incredible speeds. These networks enable internet access,

Both the optical fibre and the Gigabit-capable passive optical network broadband equipment, made to account for the dust and power outage issues in the rural

In the third phase from 2019 to 2023, state-of-the-art, future-proof network, including fiber between districts and blocks, with ring topology to provide redundancy is to be created.

The optical fiber cable network increased from 17.5 lakh kms in March 2018 to 41.9 lakh kms in October 2024. Base Transceiver Stations increased from 19.8 Lakh

Current Status of the National Optical Fiber Network

Bharat Broadband Network Limited (BBNL), is a Telecom infrastructure provider, set up by the government of India for the establishment, management and operation of National Optical Fibre

As on October 2025, 6,94,711 km of Optical Fibre Cable (OFC) has been laid and 2,09,809 GPs are Service Ready on OFC. In addition, 5,034 GPs have been connected over satellite media.

BBNL, is a Telecom infrastructure provider, set up by the government of India for the establishment, management and operation of National Optical

RVA, LLC. has developed a report on North American fiber deployment, which outlines the significant advancements and challenges in the industry as of 2024.

Phase I: Focused on laying optical fibre cables to connect 1 lakh Gram Panchayats by utilising existing infrastructure. This phase was completed in December 2017 Phase II (ongoing):

A detailed overview of Fiber-Optic internet in the United States. Find the largest Fiber providers, Fiber-Optic availability by state, and more.

The Union Cabinet today approved a scheme for creation of a National Optical Fiber Network (NOFN) for providing Broadband connectivity to Panchayats. The objective of the scheme is to extend the

US Admin Reportedly Mulling Ban on Chinese-Made Cellular Modules Experts report Chinese firms currently control roughly 70% of the cellular modules

Web: <https://www.kremgroup.co.za>

