

India's Fiber Optic Cable Development

The National Highways Authority of India plans to lay a nationwide optical fibre cable network along its 146,000 km of highways under a public-private partnership (PPP) model. The ...

With increasing demand for high-speed internet, 5G roll-out and data center growth, deployment of a robust and reliable optical fiber cable ("OFC") infrastructure has become essential to ...

India's subsea cable network faces strategic risk. This report outlines urgent reforms to improve resilience, repair capability, and long-term digital sovereignty.

The National Highways Authority of India (NHAI), under the PPP model, has plans to lay down its own optical fibre cable (OFC) network, along the major highways.

As of March 2025, the country deployed nearly 700,000 route kilometres of optical fibre cable, with southern states like Tamil Nadu, Kerala, Andhra Pradesh, and Telangana leading the ...

As the country gears up for a digital future, the trends in fiber optic cabling and the efforts of leading manufacturers like STL, HFCL, Finolex Cables, and Paramount Communications are pivotal in ...

PwC India highlights that uniform right-of-way (RoW) rules and the PM Gati Shakti National Master Plan could help India achieve 70% telecom fiberisation by 2025, driven by integrated ...

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Looking ahead, India's fiber optic infrastructure is poised for continued growth and development. The government's commitment to expanding connectivity and the increasing demand ...

India has shown substantial progress in expanding its optical fibre cable (OFC) network, laying a total of 698,010 route kilometres across the country over the last three years, as of 31...

India has undergone a remarkable digital transformation over the past eleven years under Prime Minister Narendra Modi's leadership, marked by unprecedented growth in broadband and ...

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