



September 24, 2025

National Stock Exchange of India Limited

Exchange Plaza, 5th Floor,
Plot No. C-1, G Block,
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Mumbai – 4000517

BSE Limited

Phirozee Jeejeebhoy Towers,
Dalal Street,
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Scrip ID - STLTECH

Scrip Code - 532374

Sub: - Press Release – STL showcases its high-density, Unitube Indoor Optical Fibre Cable using Multi-Core Fiber (MCF) in Connected Britain 2025

Dear Sir/Madam,

Sterlite Technologies Limited ('STL') showcased its advanced Unitube Single Jacket Indoor Fibre Optic Cable with 4-core **Multi-Core Fiber (MCF)** at Connected Britain 2025. A copy of press release in this regard is enclosed herewith.

Kindly take the above on record.

Thanking you.

Yours faithfully,
For **Sterlite Technologies Limited**

Mrunal Asawadekar
Company Secretary (ACS 24346)

Enclosure: As above

PRESS RELEASE

STL showcases its high-density, Unitube Indoor Optical Fibre Cable using Multi-Core Fiber (MCF) in Connected Britain 2025

- *Certified under the Construction Products Regulation (CPR)*
- *Engineered for performance and safety in demanding indoor environments*

London, 24/September/2025: [STL](#) [NSE: STLTECH], a leading optical and digital solutions company, today showcased its advanced Unitube Single Jacket Indoor Fibre Optic Cable with 4-core **Multi-Core Fiber (MCF)** at Connected Britain 2025. MCF packs 4-cores into the same cladding diameter as standard single-mode fibre (SMF), keeping coating size at 250/200 micrometres.

STL is among the first companies to demonstrate real-world deployments of MCF technology, spanning underground and duct networks with a complete ecosystem of fibres, cables, and termination solutions. Building on this foundation, STL has developed Unitube Single Jacket Indoor Fibre Optic Cable with MCF. This cable is engineered not only for performance but also for safety in demanding indoor environments. Certified under the Construction Products Regulation (CPR) EuroClass Cca-s2, d1, a1, it ensures a high level of fire resistance and protect critical infrastructure during fire incidents. With this certification, STL's cable is ideally suited for Data Centres, campus networks, commercial buildings and other indoor installations where high capacity data transfer and compliance with stringent fire safety standards is essential. Complementing these are optical distribution units and connectivity solutions, tailored to simplify integration with existing network architectures.

STL Unitube Single Jacket Indoor Fibre Optic Cable with MCF enables features such as:

- **Superior Security:** QKD (Quantum Key Distribution) for Physical & Digital tamper-evident encryption.
- **Future-Ready Bandwidth:** Supports next-generation applications (AI, 5G, quantum) with 4x the throughput potential of legacy fibres.
- **Compact Efficiency:** Packs multiple cores into a smaller diameter, multiplying fibre count (e.g., 864 fibres with 4 cores = 3,456) while boosting capacity without expanding footprint.
- **High RoI:** Secure & scalable network backbone in a single deployment.

Dr Badri Gomatam, CTO, STL commented: *"Through continuous innovation and global partnerships, STL is accelerating up the adoption of advanced optical technologies. Our Unitube Single Jacket Indoor Optical Fibre Cable with MCF is engineered to meet the ever-growing demands of high-capacity, secure, and future-ready networks. With our ongoing global standardisation efforts and real-world deployments, we are proud to lead the evolution of optical infrastructure that powers next-generation applications."*

About STL - Sterlite Technologies Ltd:

STL is a global leader in advanced connectivity solutions, providing end-to-end solutions for building AI-ready infrastructure, FTTx, Rural, Enterprise and Data Centre networks. [Read more](#), [Contact us](#), [stl.tech](#) | [Twitter](#) | [LinkedIn](#) | [YouTube](#)

Sterlite Technologies Limited

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