



**April 18, 2023**

**National Stock Exchange of India Limited**

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Plot No. C-1, G Block,  
Bandra Kurla Complex, Bandra (East)  
Mumbai - 400 051.

**BSE Limited**

Phirozee Jeejeebhoy Towers,  
Dalal Street,  
Mumbai - 400 001.

**Sub: - Press Release – STL among the world's first companies to develop 180 micron optical fibre**

**Ref: - Scrip ID - STLTECH/ Scrip Code – 532374**

Dear Sir/Madam,

The Company, is pleased to announced that it has developed its slimmest fibre yet - a 180 micron optical fibre. This fibre enables the smallest diameters in cables with the highest fibre densities. STL showcased a next-generation microcable with 288 fibres capable of being deployed in 8 mm ducts, at the ongoing FTTH Conference 2023, in Madrid, Spain today.

A copy of the Company's Press Release in this behalf, is enclosed herewith.

Kindly take the above on record.

Thanking you.

Yours faithfully,

For **Sterlite Technologies Limited**

**Amit Deshpande**

General Counsel & Company Secretary (ACS 17551)

Enclosure: As above.

## PRESS RELEASE

## STL among the world's first companies to develop 180 micron optical fibre

- Exhibiting at FTTH Europe Conference 2023
- Showcasing 180 micron fibre, microcable and optical connectivity solutions

Madrid, Spain, 18/April/2023: STL [NSE: STLTECH], a leading optical and digital solutions company announced that it has developed its **slimmest fibre yet - a 180 micron optical fibre**. This fibre enables the smallest diameters in cables with the highest fibre densities. STL showcased a next-generation microcable with **288 fibres capable of being deployed in 8 mm ducts**, at the ongoing **FTTH Conference 2023**, in Madrid, Spain today. STL is amongst the first companies globally and the first in India to develop this industry-leading product.



This high-density microcable provides the best of both worlds to the operators and installers. The 180 micron G657 A2 fibre combines bend-insensitive properties with a fully backward-compatible cable design which makes it a “ready to deploy” innovation in the optical industry.

As the service providers densify the network with more fibre, duct space will be a precious asset. That is where STL’s high-density microcable will help operators to pack more capacity in limited duct space, thereby reducing costs and deployment times. **Remarking on the compelling need for this product, Jitendra Balakrishnan, CTO-Optical Networking, STL said - “If it’s a problem for the end customers, operators or installers - it’s a problem worth solving for us. We need to make extremely smart use of the limited duct space in high and medium-density areas, for rollouts to be fast and cost-effective. Our product is going to deliver just that.”**

This announcement comes in after a **series of product innovations** by STL. Recently, the company developed **India’s first multicore fibre** with 4X capacity. STL was the **first company** to launch **Stellar™ - an A2 bend-insensitive fibre** with full backward compatibility, and amongst the **top 2 companies globally** to bring **IBR (Intelligently bonded ribbon)** cable technology into mainstream networks.

Along with the marquee 180 micron fibre and microcable, STL is also showcasing its **integrated optical fibre offering** at the FTTH Conference 2023. STL's pre-connectorised optical connectivity kits - OPTO-BLAZE and OPTO-BOLT - come with plug-and-play capabilities for faster and easier installation and its OPTO-DOP's is another unique design that eliminates the need to provision traditional cable coils at drop locations. It is a perfect solution for hassle-free, on-demand connectivity.

**Speaking about this development, Paul Atkinson, CEO-Optical Networking, STL,** said, "The amount of fibre the world needs is immense. R&D and innovation in fibre design will be, according to us, the most important driver for future-ready networks. We are intensely focused on product innovations that will enable fiberisation in a scalable, faster and cost-effective way. STL's high-density microcable and integrated optical connectivity offerings will deliver a lot of value for our customers. I am also very excited about the fact that it will significantly reduce the plastic in the ground and contribute to our customer's sustainability goals."

**About STL - Sterlite Technologies Ltd:**

STL is a leading global optical and digital solutions company providing advanced offerings to build 5G, Rural, FTTx, Enterprise and Data Centre networks. [Read more](#), [Contact us, stl.tech](#) | [Twitter](#) | [LinkedIn](#) | [YouTube](#)

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