



July 30, 2024

National Stock Exchange of India Limited

Exchange Plaza, 5th Floor,
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 unveils advanced high-density Optical Fibre cables at Fibre Connect 2024

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

Dear Sir/Madam,

The Company is pleased to announce and unveil the high-density, 864F Micro Cables which is conceptualized and developed specifically to bring fast and uninterrupted connectivity to dense fibre networks in the US. The 864F cable can bring numerous benefits to service providers in the region. In addition to the 864F Micro cable, the Company is also pleased to introduce its Intelligently Bonded Ribbon (IBR) Armored cable.

A copy of the Press Release in this regard 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 unveils advanced high-density Optical Fibre cables at Fibre Connect 2024

South Carolina, **30/July/2024**: [STL](#) [NSE: STLTECH], a leading optical and digital solutions company, today unveiled high-density, **864F Micro Cables** - conceptualized and developed specifically to bring fast and uninterrupted connectivity to dense fiber networks in the US.

With best-in-class high fiber density - **864F Micro cable** can pack **864 fibers** in a cable diameter of **11.4 mm** (1.5X more fibers than a standard micro cable of the same diameter). It employs STL's state-of-the-art bend-insensitive HD A2 200-micron fiber. The 864F cable can bring numerous benefits to service providers in the region:

1. **Ultra-high fiber density:** 1.5X more fiber density, easy to blow up to 1500 m in 14mm duct, highest fiber density of 10.2mm²
2. **Longer network life:** Compatible bend-insensitive 200-micron fiber provides more power budget for longer network life, fewer truck rolls, faster installation
3. **Sustainable and cost saving:** 40% lesser plastic usage compared to standard micro cable, saves up to 70% in the civil cost
4. **Easy to install:** reduced form factor enables tighter cable coiling in installation and slim outer jacket layers provide easy access to fiber bundles.

In addition to the 864F Micro cable, STL also introduced its **Intelligently Bonded Ribbon (IBR) Armored cable**. The compact design ensures ease of installation, while precise ribbon geometries in IBR bundles deliver excellent mass fusion splicing outcomes. This UV-protected, lightweight, and flexible cable is a pioneering solution for diverse installation environments.

STL's manufacturing facility in South Carolina is already catering to the demand of federal and privately funded broadband projects, including the BEAD Program. Yesterday, at the Fiber Connect event, STL also introduced its **Optical Connectivity** portfolio. Now, with these high-capacity Optical Fibre cables, STL will have an integrated Optical Networking portfolio explicitly designed for the region.

Thanks to this integrated capability, coupled with a 200-strong team at its North American base in South Carolina, STL is actively fulfilling its commitment to connect America.

Speaking about this development, **Ankit Agarwal, Managing Director, STL**, said: "We believe in developing Optical products relevant to the regional market context. These high-density Optical fiber cables provide unmatched scalability, speed and cost-efficiency for services providers deploying high-density networks. These products ensure the future readiness of networks and reinforce our commitment to connecting America, promising unparalleled value for our customers"

About STL - Sterlite Technologies Ltd:

Sterlite Technologies Limited

Registered office: 4th Floor, Godrej Millennium, Koregaon Road 9, STS 12/1, Pune, Maharashtra- 411 001, India.
CIN - L31300PN2000PLC202408



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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