www.stl.tech

March 25, 2026

National Stock Exchange of India Limited
Exchange Plaza, 5th Floor,
Plot No. C-1, G Block,
Bandra Kurla Complex, Bandra (East)
Mumbai – 4000517

BSE Limited
Phirozee Jeejeebhoy Towers,
Dalal Street,
Mumbai – 400001

Scrip ID - STLTECH

Scrip Code - 532374

Sub: - Press Release – STL redefines Optical Connectivity with India's first Hollow Core fibre cable for Data Centre networks

Dear Sir/Madam,

Sterlite Technologies Limited, a leading connectivity solutions provider for AI-ready digital infrastructure, today announced a significant breakthrough in optical communication with the launch of India's first Hollow Core Fibre (HCF) cable. 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
Digitally signed by MRUNAL ASAWADEKAR
Date: 2026.03.25 10:36:40 +05'30'

Mrunal Asawadekar
Company Secretary & Compliance Officer
Membership No.: A 24346

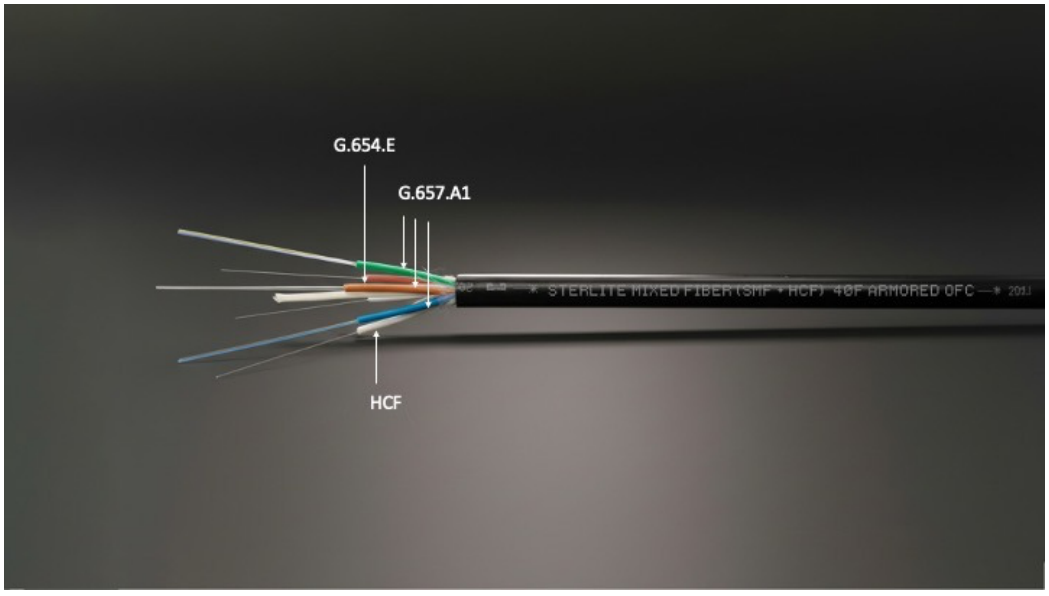
Enclosure: As above

PRESS RELEASE

STL redefines Optical Connectivity with India's first Hollow Core fibre cable for Data Centre networks

Mumbai, 25/March/2026: STL [NSE: STLTECH], a leading connectivity solutions provider for AI-ready digital infrastructure, today announced a significant breakthrough in optical communication with the launch of India's first **Hollow Core Fibre (HCF) cable**. This innovation, from STL's industry-leading R&D engine, is designed to meet the low-latency and high-bandwidth requirements of modern Data Centres, Hyperscalers, and High-Frequency transmission networks.

As the first company to develop and manufacture HCF technology in India, STL continues to solidify its position as a global deep-tech leader. Traditional optical fibres carry light through a solid glass core, while STL's Hollow Core Fibre cable guides light through an air-filled core, enabling signals to travel **~46% faster**, significantly reducing latency and signal loss.



Recognising the diverse needs of next-generation networks, STL has engineered a unique **Hybrid Cable** architecture. This cable combines:

- **Hollow Core Fibre:** For ultra-low latency and high-power delivery.
- **G.654.E Fibre:** Optimised for ultra-low loss and large effective areas in long-haul transmissions.
- **G.657.A1 NOVA:** Ensuring versatility and broad network coverage.

This breakthrough underscores our STL's commitment to the AI Data Centre market and our mission to power the next era of high-speed connectivity. With over **780 patents** and a dedicated focus on *"Glass-to-Terabit"* connectivity, STL continues to lead the way in sustainable, high-performance optical solutions.

"Our R&D focus has always been on solving the most complex challenges of the future," said **Dr Badri Gomatam, CTO, STL**. "With the launch of **Hollow Core Fibre cable**, we are providing the 'speed-of-light' infrastructure required for the AI revolution. This is a defining moment that demonstrates our capability to innovate and empower hyperscalers and data centres on a global scale".

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. With manufacturing facilities in North America, Europe and Asia, we deliver our solutions in more than 100 countries. Data Centre & Cloud companies, Telecom operators, Internet service providers and Large enterprises collaborate with STL to build their future-ready digital infrastructure. STL's business goals are driven by customer-centricity, R&D and sustainability. Read more, Contact us, stl.tech | Twitter | LinkedIn| YouTube

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