



HIGH QUALITY
MADE IN EUROPE

PREMIUM FIBRE SOLUTIONS

When only the best will do



The planet's pathways

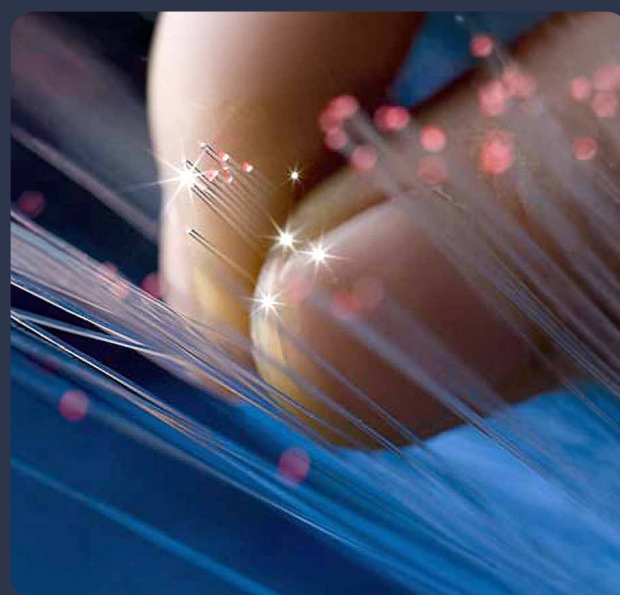
ENABLING A BETTER TOMORROW

Prysmian fibre – always the premium choice

Our solutions are best-in-class when it comes to flexible performance, long-term durability, and ethical procurement. Quality is evident in every fibre of our being.

GOOD FOR YOU...

- ✓ **Power** – Prysmian fibres maintain low attenuation even at extended wavelengths and under adverse environmental conditions, ensuring optimal signal integrity and enabling future-proof network architectures.
- ✓ **Strength** – Prysmian's fibres enable cable lifespans of up to 50 years – double the industry standard. Low-temperatures, high network strain and severe bending are no problem for our resilient and robust products.
- ✓ **Efficiency** – Prysmian's fibres feature reduced coating diameters, enabling higher fibre counts in microduct and duct installations. This translates to reduced cable diameters, lower installation costs, and better use of limited space.



Prysmian's commitment to sustainability is evident in our **reduced carbon footprint** thanks to smaller cable sizes, efficient packaging, and optimised logistics. The **longevity** of our products also decreases strain on the environment. Our global optical fibre manufacturing strategies ensure a **secure and resilient supply chain**, minimising risks associated with geopolitical instability and material shortages.

...AND THE PLANET!

 **2x** LIFESPAN COMPARED to the industry standard

 **BENDBRIGHT XS**
Superior Macro-Bending Performance

THE FUTURE IS BRIGHT

BendBright™ fibres are revolutionising high-density performance

Prysmian's **BendBright™** family - perfect for high-demand areas with limited space. Our proprietary

ColorLock™ coating and superior glass design ensure exceptional micro-bending performance.

BENDBRIGHT A1 200 MICRON FIBRE

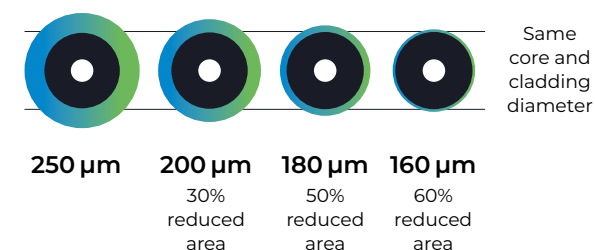
First enhanced bend-insensitive single-mode fibre with decreased footprint

BENDBRIGHT A2 200 MICRON FIBRE

Improved bend-insensitivity, maintaining high compatibility with legacy fibre

BENDBRIGHT XS 200 MICRON FIBRE

Best bend-insensitive performance, allowing exceptional cable density



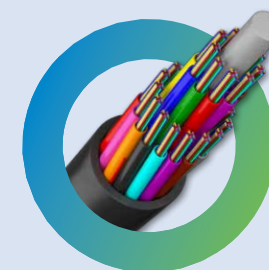
Since the introduction of BendBright in 2006, we have been steadily reducing the dimensions for yet more density without compromising performance. Prysmian were first to launch 200 µm in 2009, first to launch 180 µm in 2019 and first to launch 160 µm in 2025.

Our Innovative BendBright Fibres in Action

SIROCCO CABLES

World Record Diameters and Fibre Densities

Prysmian's Sirocco cables are as innovative as they are efficient. Thanks to their BendBright fibres, Sirocco^{HD} (200 µm), Sirocco^{EXTREME} (180 µm) and Sirocco^{ULTRA} (160 µm) microduct cables are typically used in

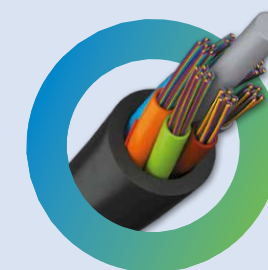


access, metro, FTTx and 5G networks and are designed for air-blowing installation. Bend-insensitive and light, these cables are perfect for a fast-moving world.

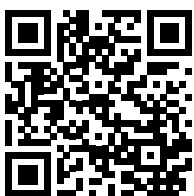
FLEXRIBBON CABLES

Flexible and Efficient with Maximum Density

With fibre counts of up to 6,912, these cables optimise duct space utilisation. The innovative FlexRibbon design allows for mass-fusion splicing while maintaining flexibility, making installation



faster and more cost-effective. This technology is ideal for large-scale data centres, data centre interconnect (DCI), and high-capacity networks.



www.prysmian.com

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