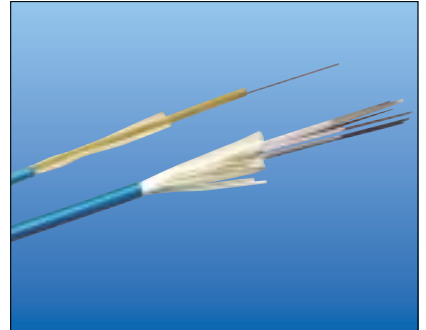


## Fiber-optic micro cables

### Cost-efficient installation of new fiber at 15-minutes-per-kilometer speed!

You have already invested in your outside plant, and are striving to manage it efficiently. Your ducts already carry one or two fiber bundles; maybe some ducts are empty. In any case, your existing physical network represents a rich and under-used resource. Suddenly, you need more capacity. You need to get fiber closer to the subscriber via street cabinets, or right up to the doorstep of homes or offices. With a main duct available, you could fill new cables if smaller fibers existed that can support the blowing process. You would thus avoid the need for tearing up new sidewalks and installing more ducts, an expensive and time-consuming process.



Nexans has developed a new generation of ultra-thin fiber-optic micro cables that can add up to 10 cables to your existing fiber network without extra civil engineering. These compact cables have ideal flexibility/stiffness and a low friction co-efficient due to our patented B-Lite Quality Blue sheath. This makes them easy to blow into a confined space, whether a main or mini-duct. They have the same capacity, connectivity and range as conventional fiber cables, but can be deployed faster and over longer distances. The final telecom frontier is the “last mile,” and this is the product that can achieve it, providing reliable derivations, branching and fiber management.

#### This Nexans solution gives you:

- **Future headroom:** after an initial investment, you can install up to 10 new cables progressively, as you need them
- **Outreach:** you can move steadily closer to the subscriber, while efficiently managing your fiber network; ideal for the “last mile”
- **Wide broadcast capability:** one or two single fibers can connect 32 or 64 subscribers each in a dense urban environment
- **Durability:** cascaded protection offers robustness; operational for more than 20 years.
- **Easy and rapid installation:** no need to open sidewalks; fast and flexible deployment through advanced blowing techniques
- **Compactness:** twice as small, four times lighter than regular fiber cables

For further information: [www.nexans.com/e-service](http://www.nexans.com/e-service)

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