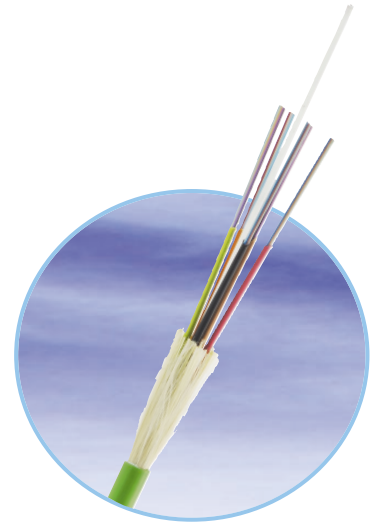


## Fiber-optic micro cables

### Cost-efficient installation of new fiber at 4 km/h!

You have already invested in your outside plant, and are striving to manage it efficiently. Your ducts already carry one or two fiber cables; 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 want 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 first blow micro-ducts, then micro cables as needed. You would thus avoid 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 cables with a fiber count of from 2 to 96 according to demand and in line with current earnings. These compact cables have ideal flexibility/stiffness and a low friction coefficient due to our B-lite Quality Green sheath. These smaller and lighter cables are easy to blow into a confined space, like a micro-duct. They have the same capacity, connectivity and range as conventional fiber cables, but can be deployed faster and over longer distances at 4 km/h. This is an ideal solution for operators who want to geographically improve their broadband and service offer without having to invest in costly civil engineering.

#### This Nexans FTTx solution gives you:

- **Headroom:** after an initial micro-duct investment, you can progressively install new micro cables as you need them in line with current earnings
- **Outreach:** you can move steadily closer to the subscriber, while efficiently managing your fiber network
- **Responsiveness:** fiber count can match exact customer needs while optimizing duct occupation rate
- **Reliability:** micro bundles are accessible and easy to branch and connect
- **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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