

MiniXtend® HD Cable with Binderless* FastAccess® Technology

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Corning® MiniXtend® HD Cables with Binderless*

FastAccess® Technology are high-density micro cables that are up to 60 percent smaller and up to 70 percent lighter than standard loose tube cables and up to 20 percent smaller than standard micro cables.

The innovative Binderless FastAccess® Technology improves cable handling and reduces access time up to 70 percent while lowering risk of cable and fibre damage.

MiniXtend® HD cables have an SZ-stranded loose tube construction and provide high fibre counts in limited duct space in long-haul, metro and access networks.

With a low-friction PE sheath, MiniXtend® HD cables are optimized for blowing into microducts. Both the buffer tubes and the fibres contained within are color-coded for quick and easy identification.

MiniXtend HD cables feature Corning® SMF-28® Ultra 200 single-mode fibre (ITU-T G.652.D and ITU-T G.657. A1); the industry's first 200 micron fibre with a 9.2 micron mode-field diameter (MFD).

Features and Benefits

Binderless FastAccess™ Technology

Innovative cable design that reduces cable access time up to 70 percent and lowers the risk of inadvertent fibre damage

Reduced outer cable diameter

High fibre density in microduct systems

Compact and light

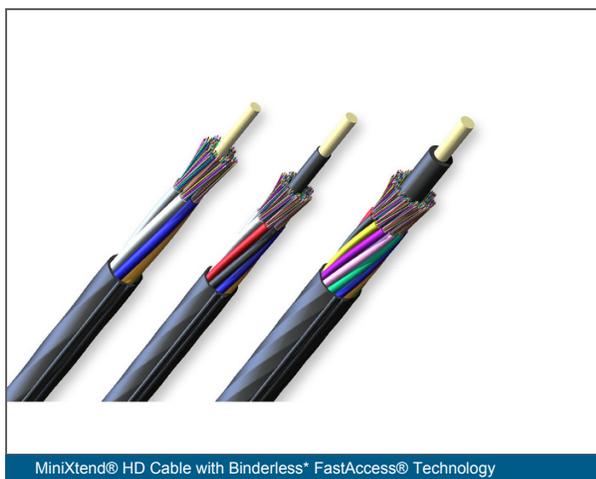
CapEx-optimised installations & upgrades

Fully-dielectric

No grounding required

Colour-coded tubes & fibres

Easy identification of tubes & fibres



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Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Specifications

General Specifications

Environment	Outdoor
Product type	Dielectric
Cable type	Stranded Loose Tube

Temperature Range

Temperature range, storage	-40 °C - 70 °C (-40 °F - 158 °F)
Temperature range, installation	-15 °C - 60 °C (5 °F - 140 °F)
Temperature range, operation	-40 °C - 70 °C (-40 °F - 158 °F)

Design Characteristics Cable

Fibres per tube	Number of tube positions	Number of active tubes	Buffer tube diameter
24	9	9	1.7 mm
36		8 - 12	2 mm

Mechanical Characteristics Cable

Nominal outer diameter	Min. bend radius installation	Min. bend radius operation	Crush resistance	Max. tensile strength, short-term
10.8 mm	220 mm	165 mm	1000 N/10 cm	1000 N
8 mm	160 mm	120 mm	1000 N/10 cm	1000 N
8.2 mm	164 mm	123 mm	1000 N/10 cm	1000 N

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