MiniXtend® Cable with Binderless* FastAccess® Technology

CORNING

Corning MiniXtend ® Cable with Binderless* FastAccess ® Technology is an all-dielectric loose tube cable designed for microduct applications and features industry-leading fiber density.
The innovative Binderless FastAccess Technology improves cable handling and reduces access time up to 70 percent while lowering risk of cable and fiber damage.
The MiniXtend Cable design reduces the cable diameter by up to 50 percent (versus traditional loose tube cables) which improves fiber density for duct applications and also enables new applications which can reduce total install cost by up to 60 percent.
This cable also features Corning SMF-28 ® Ultra single-mode fiber which combines industry-leading attenuation and improved macrobend performance in one fiber.
SMF-28 Ultra fiber is ITU-T Recommendation G.652.D compliant and also exceeds the requirements of the ITU-T Recommendation G.657.A1 standard.
* Corning's patented Binderless* FastAccess ® Technology refers to the combination of a Corning FastAccess Technology jacket with an innovative technology used to bind cable construction through the manufacturing process, eliminating the use of binder yarns and waterblocking tapes.

Features and Benefits

Binderless* FastAccess® Technology

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

Improved cable and fiber density

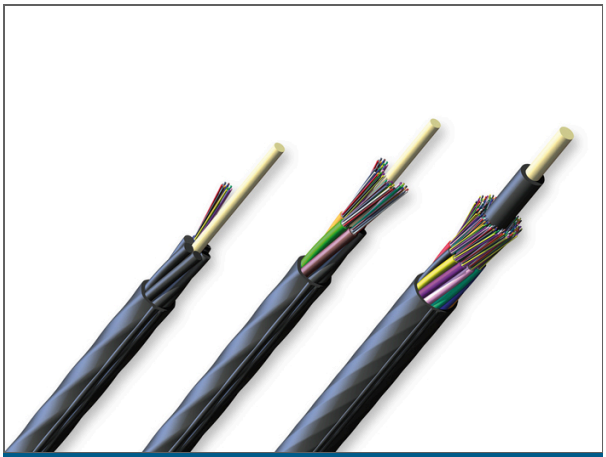
Small cable OD enables higher density and lower deployment cost; up to 96 fibers in 8 mm ID duct and up to 144 fibers in 10 mm ID duct

Optimized for air-assisted install in microducts

Capable of installation distances greater than 2000 m (6560 ft) at speeds up to 150 m/min (490 ft/min)

SMF-28® Ultra fiber

ITU-T G.652.D/G.657.A1 rated fibre with improved attenuation and bend performance as well as compatibility with standard single-mode fibres



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

Specifications

General Specifications	
Environment	Outdoor
Product Type	Dielectric
Cable Type	Stranded Loose Tube Micro Cable

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			
Fibers per Tube	Number of Tube Positions	Number of Active Tubes	Buffer Tube Diameter
12	12	12	1.4 mm

Mechanical Characteristics Cable				
Nominal Outer Diameter	Min. Bend Radius Installation	Min. Bend Radius Operation	Crush Resistance	Max. Tensile Strength, Short-Term
8.1 mm	162 mm	122 mm	1000 N/10 cm	1000 N

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RoHS COMPLIANT

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