

# 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 fiber damage. MiniXtend HD cables have an SZ-stranded loose tube construction and provide high fiber 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 fibers contained within are color-coded for quick and easy identification. MiniXtend HD cables feature Corning® SMF-28® Ultra 200 single-mode fiber (ITU-T G.652.D and ITU-T G.657. A1): the industry's first 200 micron fiber 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 fiber density in microduct systems

### **Compact and light**

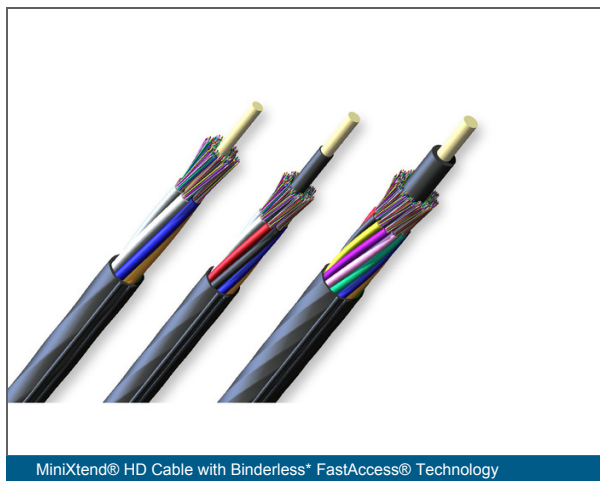
CapEx-optimized installations and upgrades

### **Fully dielectric**

No grounding required

### **Color-coded tubes and fibers**

Easy identification of tubes and



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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

Fibers 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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The Corning logo consists of the word "CORNING" in a white, serif, all-caps font, centered within a solid blue square.

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