MiniXtend® HD Cable with Binderless* FastAccess® Technology 72 F (6x12), G.657.A1 190

Part Number:
072ZM4-T4E49A20

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

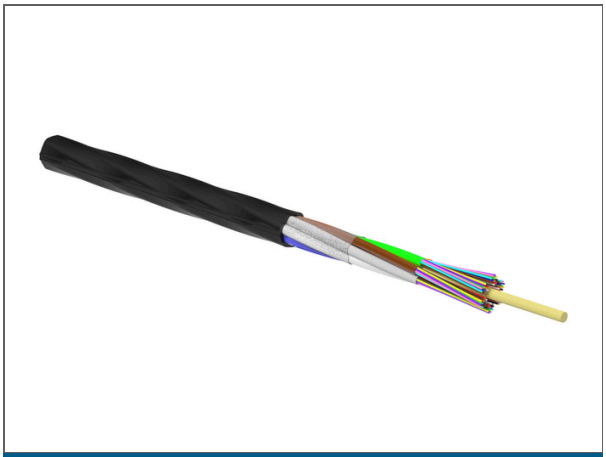
Binderless FastAccess® Technology
Innovative cable design that reduces cable access time up to 70 percent and lowers the risk of inadvertent fiber damage

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 fibers



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Specifications

General Specifications	
Installation Methods	Microduct
Cable Type	Stranded Loose Tube
Environment	Outdoor
Product Type	Dielectric
Fiber Category	G.652.D/G.657.A1
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	A-DQ(ZN)2Y
Cable geometry	Round

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

Environmental Conditions	
Temperature Range, Installation	-5 °C to 50 °C (23 °F to 122 °F)
Temperature Range, Operation	-20 °C to 70 °C (-4 °F to 158 °F)
Temperature Range, Storage	-30 °C to 70 °C (-22 °F to 158 °F)

Cable Design	
Cable Marking	M#H#S#CORNING#YEAR MINIXTEND®HD FAB CABLE 6x12 G.657.A1 190 LT1.1#ID Number
Central Element	Dielectric
Fiber Count	72
Buffer Tube Color Coding, Layer 1	Blue, Orange, Green, Brown, Slate, White
Outer Jacket Color	Black
Outer Jacket Material	Polyethylene (PE)
Outer Jacket Nominal Thickness	0.5 mm
Buffer Tube Diameter	1.13 mm

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Cable Design	
Number of Active Tubes	6
Number of Tube Positions	6
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Fibers per Tube	12
Color Code Standards	Telcordia

Mechanical Specifications	
Crush Resistance (reversible), Outdoor Cable	500 N/10 cm
Max. Tensile Strength, Short-Term	350 N
Nominal Outer Diameter	4.5 mm
Min. Bend Diameter Installation	180 mm
Min. Bend Diameter Operation	136 mm
Min. Duct Size Diameter	6 mm
Optimal Duct Size	8 mm

Dimensions	
Cable Weight	18 kg/km
Max. cable length per reel/drum	6096 m

RoHS COMPLIANT

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