

MiniXtend® Ribbon Cable-200 Flow

CORNING

Corning's MiniXtend® Ribbon Cable-200 Flow is designed for microduct applications. Although typically installed via jetting the cable can also be pulled into conduits at the rated loads specified, allowing for a myriad of backbone duct applications. The cable construction leverages Corning's Flow Ribbon Technology in a centralized design to minimize cable diameter, allowing for smaller duct applications. The microducts can be placed in new construction pathways or be used to "override" existing cables to avoid cost of new pathway construction. The specially formulated low-friction PE jacket material optimized for jetting performance into microducts. In addition, Flow Ribbon Technology allows for easier routing within hardware and splice enclosures while also being compatible with both 200 μm and 250 μm commercially available splicers.

Features and Benefits

Bend-Improved Single-mode 190 μm Diameter

ITU-T G.652.D and G.657.A1-compliant 190 micron single-mode fiber with a 9.2 μm MFD maintains full compatibility with existing fiber networks

Flow Ribbon Technology

Allows for smaller cable designs and easier routing in hardware. Flow Ribbons are compatible with both 200 μm and 250 μm commercially available splicers

Reduced Cable Diameter

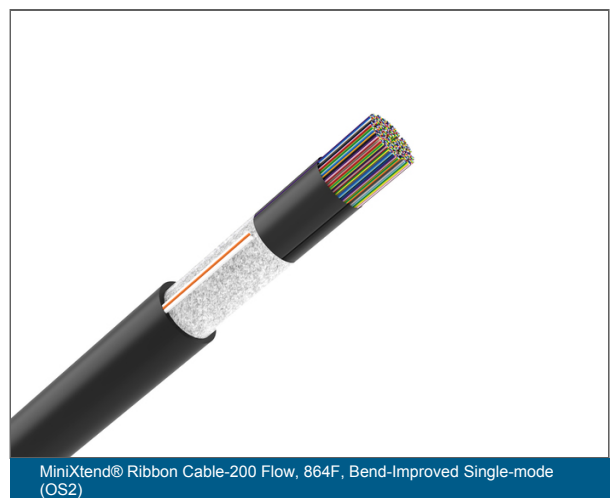
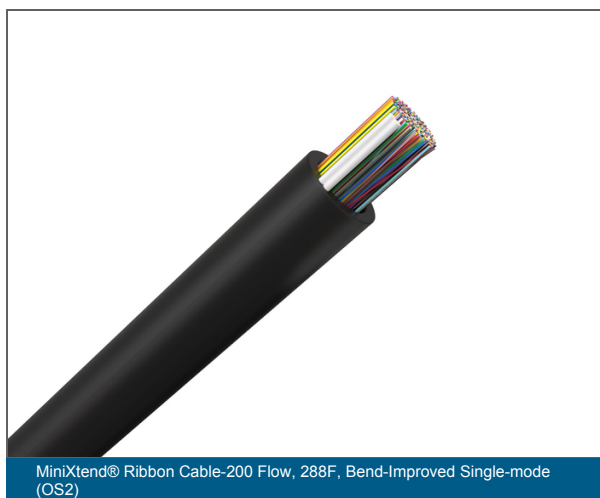
High fiber density in microduct systems. Up to 60 percent reduction in cable diameter (compared to existing SST-UltraRibbon™) doubling fiber count per duct at similar ODs

Optimized for air-assisted install in microducts

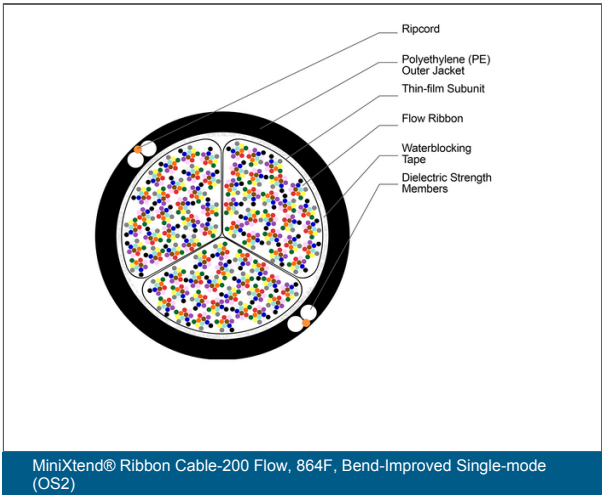
Capable of installation distances greater than 2000 m (6560 ft) at speeds up to 150 m/min (490 ft/min)

Compact and light

CapEx-optimised installations & upgrades



MiniXtend® Ribbon Cable-200 Flow



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

Specifications

General Specifications	
Environment	Outdoor
Product Type	Dielectric
Cable Type	Ribbon

Temperature Range	
Temperature Range, Storage	-40 °C - 70 °C (-40 °F - 158 °F)
Temperature Range, Installation	-10 °C - 60 °C (14 °F - 140 °F)
Temperature Range, Operation	-30 °C - 70 °C (-22 °F - 158 °F)

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Design Characteristics Cable

Fiber Count

288 - 864

Mechanical Characteristics Cable

Fiber Count	Nominal Outer Diameter	Max. Tensile Strength, Short-Term	Min. Bend Diameter Operation	Min. Bend Diameter Installation	Cable Weight
288	7.9 mm (0.31 in)	1334 N (299.9 lbf)	238 mm (9.37 in)	316 mm (12.44 in)	44 kg/km (29.57 lb/1000 ft)
864	13.5 mm (0.53 in)	1334 N (299.9 lbf)	406 mm (15.98 in)	540 mm (21.26 in)	127 kg/km (85.34 lb/1000 ft)

Transmission Performance

Single-mode

Fiber Name	SMF-28® Contour Fit
Performance Option Code	61
Fiber Category	OS2
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Code	Z
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km



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