

MiniXtend® XD Cable with Binderless* FastAccess™ Technology, A-DQ(ZN)2Y



CORNING

Corning® MiniXtend® XD Cable with Binderless*

FastAccess Technology is an all-dielectric loose tube cable designed for microduct applications and features industry-leading fibre density.

The innovative binderless FastAccess technology improves cable handling and reduces access time by up to 70% while lowering risk of cable and fiber damage. The

MiniXtend cable design reduces the cable diameter by up to 50% (vs. traditional loose tube cables) which improves fibre density for duct applications and also enables new applications which can reduce total install cost by up to 60%.

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

Improved cable and fibre density

Small cable OD enables higher density and lower deployment cost

Optimized for air-assisted install in microducts

Suitable for installation in a duct with 8-mm inner diameter

MiniXtend® XD Cable with Binderless* FastAccess™ Technology, A-DQ(ZN)2Y

CORNING

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

Temperature Range

Temperature range, installation	-5 °C - 50 °C
---------------------------------	---------------

Design Characteristics Cable

Fibre count	Fibres per tube	Number of tube positions	Number of active tubes	Buffer tube diameter
192	24	8	8	1.4 mm
216	24	9	9	1.4 mm
288	24	12	12	1.4 mm

Mechanical Characteristics Cable

Fibre count	Nominal outer diameter	Min. bend radius installation	Min. bend radius operation	Crush resistance	Max. tensile strength, short-term	Cable Weight
192	6.2 mm	31 mm	62 mm		1000 N	43 kg/km
192	6.2 mm	124 mm	93 mm	500 N/10 cm	1000 N	42 kg/km

MiniXtend® XD Cable with Binderless* FastAccess™ Technology, A-DQ(ZN)2Y

CORNING

Mechanical Characteristics Cable

Fibre count	Nominal outer diameter	Min. bend radius installation	Min. bend radius operation	Crush resistance	Max. tensile strength, short-term	Cable Weight
192	6.2 mm	31 mm	62 mm		1000 N	180 kg/km
192	6.2 mm	124 mm	93 mm	500 N/10 cm	1000 N	42 kg/km
216	7 mm	140 mm	105 mm	500 N/10 cm	1000 N	48 kg/km
288	8.2 mm	162 mm	122 mm		1000 N	70 kg/km
288	8.2 mm	164 mm	123 mm	500 N/10 cm	1000 N	66 kg/km
288	8.2 mm	162 mm	122 mm		1000 N	70 kg/km
288	8.2 mm	164 mm	123 mm	500 N/10 cm	1000 N	66 kg/km

Transmission Performance

Single-mode

Fibre name	G.657.A1 Optical fiber with 190-micron outer diameter
Performance option code	49
Fibre category	G.652.D/G.657.A1
Wavelengths	1310 nm / 1550 nm
Fibre code	Z
Maximum Attenuation	0.36 dB/km / 0.22 dB/km

MiniXtend® XD Cable with Binderless* FastAccess™ Technology, A-DQ(ZN)2Y

The Corning logo is a solid blue square with the word "CORNING" in white, uppercase, sans-serif font centered within it.

Corning Optical Communications GmbH & Co. KG • Leipziger Strasse 121 • 10117 Berlin, Germany
+00 800 2675 4641 • FAX: • www.corning.com/opcomm/emea

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/emea/trademarks. Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2025 Corning Optical Communications. All rights reserved.