MiniXtend® Cable, CT

Features and Benefits

Improved cable and fibre density
Reduced cable diameter for installation in micro ducts with 4mm minimum inner diameter

Fully-dielectric
No grounding required

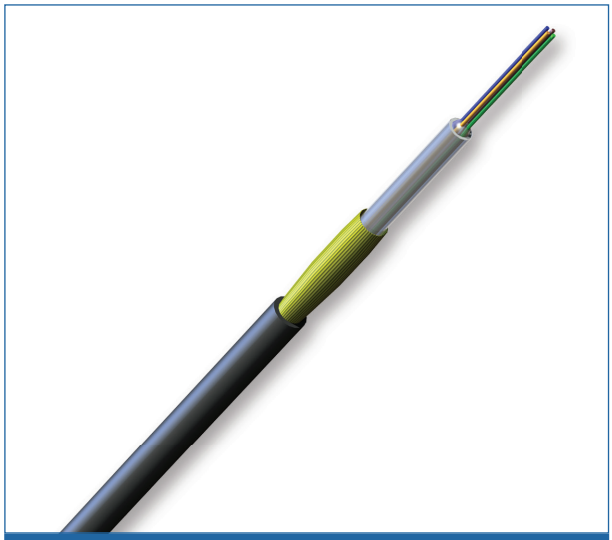
Optimised for air-assisted install in microducts
Capable of installation distances up to 1200m at speeds between 25 and 40m/min

SMF-28® Ultra fibre
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

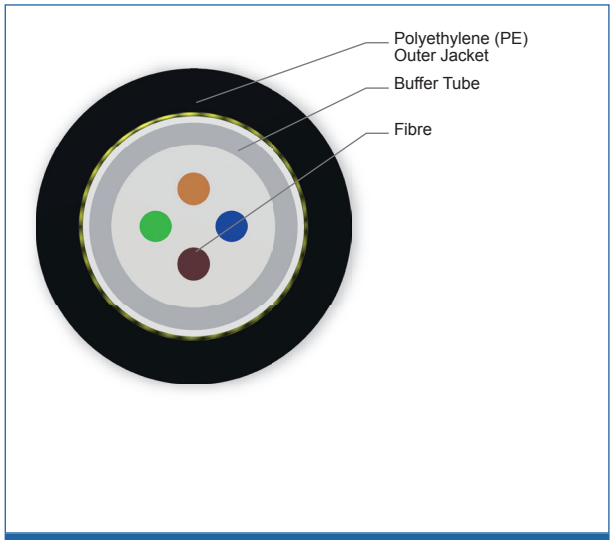
Corning MiniXtend products are fibre optic stranded loose tube or central tube fully dielectric outdoor cable typically used in Access Networks when limited space is available.

With the dual layer tube design and low friction PE sheath MiniXtend cables are optimized for blowing and best used in mini or micro ducts.

The fibre in each tube are colour-coded for quick and easy identification. MiniXtend are available with Corning Single Mode Fibre SMF 28-e™ (ITU-G 652D) or bend improved ClearCurve® fibres (ITU-G 657 A/B).



MiniXtend® Micro-Cable, A-D(ZN)2Y, 1x4 fibres, CT



MiniXtend® Micro-Cable, A-D(ZN)2Y, 1x4 fibres, CT

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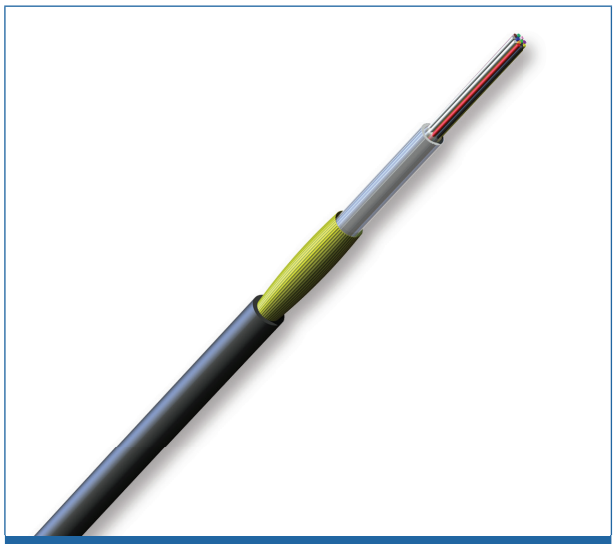
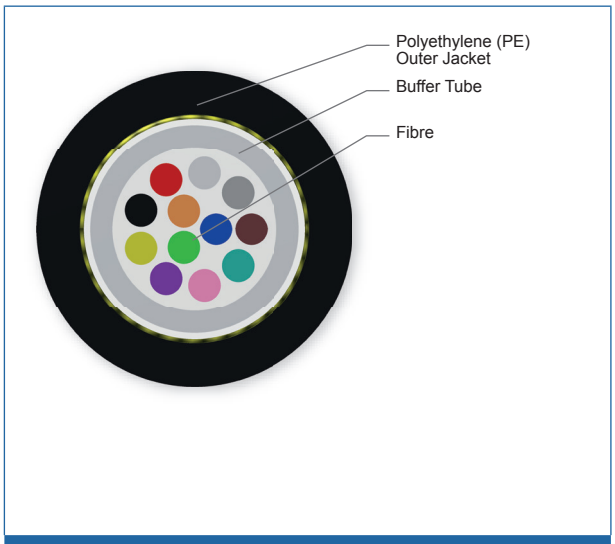


MiniXtend® Micro-Cable, A-D(ZN)2Y, 1x12 fibres, CT



MiniXtend® Micro-Cable, A-D(ZN)2Y, 1x12 fibres, CT

Specifications

Cable Design	
Fibre colouring	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Turquoise
Buffer tube colour coding	Natural
Buffer tube diameter	1.75 mm
Number of ripcords	1
Outer jacket material	Polyethylene (PE)
Outer jacket colour	Black

Temperature Range	
Installation and assembly	-5 °C to 50 °C
Operation	-20 °C to 60 °C
Storage	-25 °C to 60 °C

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Fibre Count	Nominal Outer Diameter	Min. Bend Radius Installation	Max. tensile strength, short-term	Weight	Crush resistance (reversible)
4 - 12	2.5 mm	20 mm	80 N	4.5 kg/km	1000 N/10 cm

Chemical Characteristics	
RoHS	RoHS compliant

Transmission Performance

Single-mode	
Fibre name	SMF-28® Ultra 242 Optical Fibre
Fibre code	Z
Mode-Field Diameter at 1310 nm (µm)	9.2
Coating diameter (µm)	242
Cladding diameter (µm)	125
Wavelengths (nm)	1310/1383/1550
Maximum attenuation (dB/km)	0.34/0.34/0.20
Typical attenuation (dB/km)	0.32/0.32/0.18
Serial 1 gigabit ethernet (m)	5000/-
Serial 10 gigabit ethernet (m)	10000/40000
Cable cutoff wavelength (nm)	1260
Dispersion in the range 1285 to 1330 nm (ps / (nm * km))	≤3.5
Dispersion @ 1550 nm (ps / (nm * km))	≤18
PMD Link Design Value (PS / √km)	≤0.04
PMD maximum individual fibre (PS / √km)	≤0.1
Standards in compliance	ITU-T G.652 D and ITU-T G.657 A1

MiniXtend® Cable, CT

Ordering Information |

Note: For other options, please contact our Customer Care at cc.emea@corning.com or 00800 2676 4641.

□ □ □	Z	K	4	-	1	3	1	2 0	A	2 0
1	2	3	4		5	6	7	8	9	10

1 Select fibre count.
004 006
008 012

2 Defines fibre type.
Z = SMF-28e® ULTRA

3 Defines cable type.
K = MiniXtend CT Cable
(in combination with 9: KA)

4 Defines outer jacket.
4 = Single

5 Defines fibre placement.
1 = Central Tube

6 Select length markings.
3 = Markings in metres

7 Defines tensile strength.
1 = Standard

8 Defines performance option code.
20 = SMF-28e® ULTRA
Max. attenuation 0.34/0.34/0.20 dB/km

9 Defines cable type.
A = MiniXtend CT Cable

10 Defines special requirements.
20 = Standard construction

*Maximum delivery length per drum is 6000 metres +3/-2%
*For ordering information regarding non-standard design cables, please contact our Customer Service Centre. (See bottom of page for contact information.)

RoHS COMPLIANT

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