

MiniXtend® Cable, CT A-D(ZN)2Y, 4 F, CT, Single-mode (SMF 28e® ULTRA) - VDE



Part Number:
004ZK4-13120ADE

Corning MiniXtend products are fiber 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 fiber in each tube are color-coded for quick and easy identification. MiniXtend are available with Corning® single-mode fiber SMF 28-e® (ITU-G 652D) or bend-improved ClearCurve® fibers (ITU-G 657 A/B).

Features and Benefits

Improved cable and fiber density

Reduced cable diameter for installation in micro ducts with 4mm minimum inner diameter

Fully dielectric

No grounding required

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)

SMF-28e+® according to ITU-T G.652.D

Transmission security, low attenuation and polarization mode dispersion

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Specifications

General Specifications

Installation Methods	Microduct
Cable Type	Single Tube
Environment	Outdoor
Product Type	Dielectric
Fiber Category	Single-mode (OS2)
Cable geometry	Round

Standards

Fiber Standards	TIA/EIA-492CAAB, IEC 60793-2-50 Type B1.3, ITU-T G.652.D and ITU-T G.657.A1, ISO/IEC 11801 Ed.2.2
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 60 °C (-4 °F to 140 °F)
Temperature Range, Storage	-25 °C to 60 °C (-13 °F to 140 °F)

Cable Design

Cable Marking	Meter Handset D-Sine CORNING Year MINIXTEND(R) A-D(ZN)2Y 4F E9U CT1.7
Fiber Count	4
Outer Jacket Color	Black
Outer Jacket Material	Polyethylene (PE)
Buffer Tube Diameter	1.75 mm
Cable Marking Method	Laser printing
Cable Marking Color	White
Fiber Coloring	Red, Green, Blue, Yellow

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Cable Design

Fibers per Tube	4
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Mechanical Specifications

Crush Resistance	1000 N/10 cm
Max. Tensile Strength, Short-Term	80 N
Min. Bend Radius Installation	20 mm
Nominal Outer Diameter	2.5 mm

Dimensions

Cable Weight	4.5 kg/km
Max. cable length per reel/drum	6000 m



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