

MiniXtend® Cable, LT, A-DQ(ZN)2Y

CORNING

Corning MiniXtend products are fiber optic stranded loose tube or central tube fully dielectric outdoor cable typically used in Long-Haul, Metro- or 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 buffer tubes and fiber in each tube are color-coded for quick and easy identification. MiniXtend are available with Corning Single Mode Fiber SMF 28e+® & SMF 28e® ULTRA (ITU-G 652D) or bend improved ClearCurve® fibers (ITU-G 657).

Features and Benefits

Reduced outer cable diameter

High fiber density in microduct systems

Compact and light

CapEx-optimized installations and upgrades

Optimized cable stiffness

Long installation lengths

Fully dielectric

No grounding required

Color-coded tubes and fibers

Easy identification of tubes and fibers

SMF-28e+® according to ITU-T G.652.D

Transmission security, low attenuation and polarization mode dispersion



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RoHS		RoHS 2011/65/EU
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Specifications

Temperature Range	
	-30 °C - 70 °C (-22 °F - 158 °F)
	-5 °C - 40 °C (23 °F - 104 °F)
	-30 °C - 70 °C (-22 °F - 158 °F)

Design Characteristics Cable				
12 -	12	6	1 - 6	1.4 mm
96	12	8	8	1.4 mm
144	12	12	12	1.4 mm

Mechanical Characteristics Cable						
						Cable Weight
12	5.3 mm	106 mm	79.5 mm	1000 N/10 cm	350 N	23 kg/km
	5.3 mm	106 mm	80 mm	1000 N/10 cm	350 N	

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Mechanical Characteristics Cable						
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24	5.3 mm	106 mm	79.5 mm	1000 N/10 cm	350 N	23 kg/km
	5.3 mm	106 mm	80 mm	1000 N/10 cm	350 N	
36	5.3 mm	106 mm	79.5 mm	1000 N/10 cm	350 N	23 kg/km
	5.3 mm	106 mm	80 mm	1000 N/10 cm	350 N	
48	5.3 mm	106 mm	79.5 mm	1000 N/10 cm	350 N	23 kg/km
	5.3 mm	106 mm	80 mm	1000 N/10 cm	350 N	
60	5.3 mm	106 mm	79.5 mm	1000 N/10 cm	350 N	23 kg/km
72 -	5.3 mm	106 mm	79.5 mm	1000 N/10 cm	350 N	
	5.3 mm	106 mm	80 mm	1000 N/10 cm	350 N	
96	6.3 mm	126 mm	94.5 mm	1000 N/10 cm	1000 N	35 kg/km
144	8 mm	160 mm	120 mm	1000 N/10 cm	1000 N	55 kg/km

Transmission Performance

Single-mode		
□□□□	□□□□ (OS2)	□□(OS2)
□□□□□□	20	22
□□□□	OS2	OS2
□□	1310 nm / 1383 nm / 1550 nm	1310 nm / 1383 nm / 1550 nm
□□□□	Z	E
□□□□	0.34 dB/km / 0.34 dB/km / 0.20 dB/km	0.36 dB/km / 0.36 dB/km / 0.22 dB/km

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The Corning logo consists of the word "CORNING" in a white, serif, all-caps font, centered within a solid blue square.

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