Customized MiniXtend® Cable, A-DQ(ZN)2Y LT 1.4 with E9/125 SMF-28® G.657.A1 fibers

CORNING

Part Numbers:
012ZM4-EF982A20
024ZM4-EF983A20
048ZM4-EF831A20
096ZM4-EF984A20
012ZM4-T3122A20
024ZM4-T3122A20
048ZM4-T3122A20
096ZM4-T3122A20

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.

Features and Benefits

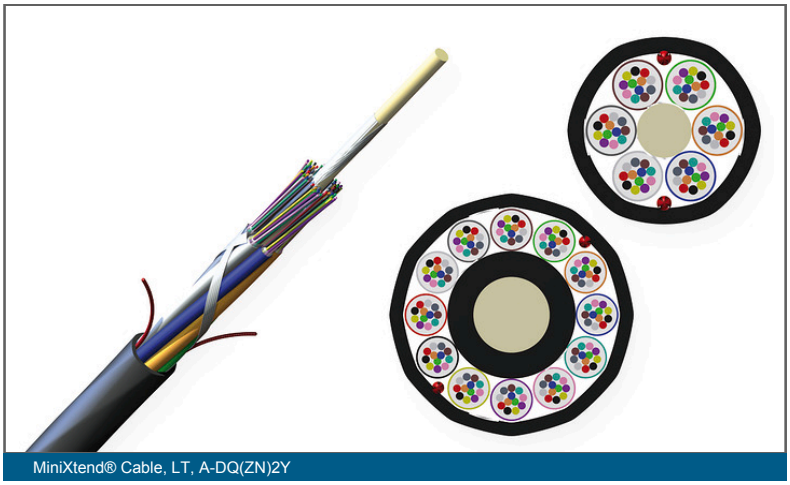
Reduced outer cable diameter
High fibre density in microduct systems

Compact and light
CapEx-optimised installations & upgrades

Optimised cable stiffness
Long installation lengths

Fully-dielectric
No grounding required

Colour-coded tubes & fibres
Easy identification of tubes & fibres



MiniXtend® Cable, LT, A-DQ(ZN)2Y

Customized MiniXtend® Cable, A-DQ(ZN)2Y LT 1.4 with E9/125 SMF-28® G.657.A1 fibers

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, storage	from -30°C to 70°C
Temperature range, installation	from -15°C to 50°C
Temperature range, operation	from -40°C to 70°C

Design Characteristics Cable				
Fibre count	Fibres per tube	Number of tube positions	Number of active tubes	Buffer tube diameter
12 - 72	12	6	1 - 6	1.4 mm
96	12	8	8	1.4 mm
144	12	12	12	1.4 mm

Mechanical Characteristics Cable						
Fibre count	Nominal outer diameter	Min. bend radius installation	Min. bend radius operation	Crush resistance	Weight	Max. tensile strength, short-term
12 - 72	5.3 mm	106 mm	79.5 mm	1000 N/10 cm	23 kg/km	350 N

Customized MiniXtend® Cable, A-DQ(ZN)2Y LT 1.4 with E9/125 SMF-28® G.657.A1 fibers

CORNING

Mechanical Characteristics Cable						
Fibre count	Nominal outer diameter	Min. bend radius installation	Min. bend radius operation	Crush resistance	Weight	Max. tensile strength, short-term
96	6.3 mm	126 mm	94.5 mm	1000 N/10 cm	35 kg/km	1000 N
144	8 mm	160 mm	120 mm	1000 N/10 cm	53 kg/km	1000 N

Fibre Specifications

Optical Characteristics (cabled)	
Fibre name	E9/125 SMF-28® G.657.A1
Fibre core diameter	8.2 µm
Fibre category	OS2
Fibre code	Z
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum attenuation	0.36 dB/km / 0.36 dB/km / 0.22 dB/km
Serial 1 gigabit ethernet	5000 m / - / -
Serial 10 gigabit ethernet	10000 m / - / 40000 m
Cable cutoff wavelength	1260 nm
Standards in compliance	TIA/EIA 492-CAAB IEC 60793-2-50 Type B1.3, ITU-T G.657.A1, ISO/IEC 11801 Ed.2.2