

MiniXtend® HD Cable, LT, A-DQ(ZN)2Y

CORNING

Corning® MiniXtend® HD cables are high-density micro cables that are up to 60 percent smaller and up to 70 percent lighter than standard loose tube cables and up to 20 percent smaller than standard micro cables. MiniXtend HD cables have an SZ-stranded loose tube construction and provide high fiber counts in limited duct space in long-haul, metro and access networks.

With a dual-layer tube design and a low-friction PE sheath, MiniXtend HD cables are optimized for blowing into microducts.

Both the buffer tubes and the fibers contained within are color-coded for quick and easy identification.

MiniXtend HD cables feature Corning® SMF-28® Ultra 200 single-mode fiber (ITU-T G.652.D and ITU-T G.657.A1): the industry's first 200 micron fiber with a 9.2 micron Mode-Field Diameter (MFD).

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

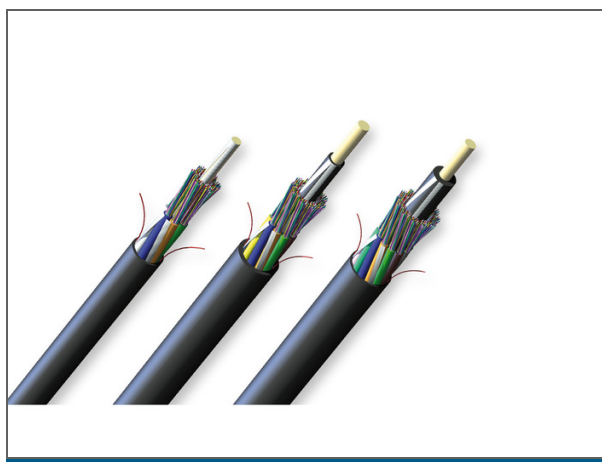
No grounding required

Color-coded tubes and fibers

Easy identification of tubes and fibers

SMF-28® Ultra 200 fiber

ITU-T G.652.D and G.657.A1-compliant 200 micron single-mode fiber with a 9.2 micron MFD, low loss and enhanced bend performance



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标准

RoHS

无有害物质根据RoHS 2011/65/EU

Specifications

一般规格

环境

室外

产品类型

绝缘

光缆类型

绞合松套管

Temperature Range

温度范围，存储

-40 °C - 70 °C (-40 F - 158 F)

温度范围，安装

-15 °C - 60 °C (5 F - 140 F)

温度范围，操作

-40 °C - 70 °C (-40 F - 158 F)

Design Characteristics Cable

光纤芯数	每管光纤芯数	管位置数	活跃管数量	缓冲管尺寸
144	24	6	6	1.7 mm
192	24	8	8	1.7 mm
216	24	9	9	1.7 mm
288	24	12	12	1.7 mm

Mechanical Characteristics Cable

光纤芯数	标称外径	最小安装弯曲半径	最小操作弯曲半径	?? ??(???)	重量	最大拉伸强度，短期
144	6.3 mm	95 mm	63 mm	1000 N/10 cm	37 kg/km	1000 N

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Mechanical Characteristics Cable

光纤芯数	标称外径	最小安装弯曲半径	最小操作弯曲半径	?? ??(???)	重量	最大拉伸强度，短期
192	7.5 mm	113 mm	75 mm	1000 N/10 cm	55 kg/km	1000 N
216	8 mm	120 mm	80 mm	1000 N/10 cm	59 kg/km	1000 N
288	9.7 mm	146 mm	97 mm	1000 N/10 cm	84 kg/km	1000 N

Transmission Performance

Single-mode

光纤类别	G.652.D/G.657.A1
光纤名称	SMF-28® Ultra 200 光纤
波长	1310 nm / 1383 nm / 1550 nm
光纤代码	Z
最大衰减	0.34 dB/km / 0.34 dB/km / 0.20 dB/km



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