

ALTOS® HD Lite, Gel-Free, Single-Jacket, Single-Armored Cable with FastAccess® Technology

CORNING

Corning® ALTOS® HD Lite gel-free, single-jacket, single-armored cables with FastAccess® technology are designed for direct-buried installations.

The 24 fiber high-density buffer tube provides a 30 percent reduction in cable OD resulting in a 2x increase in fiber density. This improved density equals additional space for maximizing duct capacity. The innovative FastAccess technology feature combined with the gel-free loose tube design simplifies jacket removal and buffer tube access. The gel-free cable is fully waterblocked using craft-friendly water-swallowable materials for simple access with no clean up.

The loose tube design employs Corning's suite of optical fiber to provide reliable transmission parameters for a variety of voice, data, video, imaging and network applications. The flexible buffer tubes are easy to route in closures, and the SZ-stranded, loose tube design isolates fibers from installation and environmental rigors while allowing easy midspan access. The single-armored construction provides additional crush and rodent protection. These cables have a polyethylene jacket that is rugged, durable and easy to strip.

Características e benefícios

ALTOS® HD FastAccess® Technology

With the combination of a jacket with an innovative technology used to bind cable construction through the manufacturing process, eliminating the use of binder yarns and waterblocking tapes and up to a 60 percent improvement in cable access time. These technologies also reduce the overall risk of inadvertent fiber damage by reducing the need for sharp cable access tools.

Capa de polietileno

Resistente, durável e fácil de decapar (ao mesmo tempo que oferece proteção superior contra radiação UV, fungos, abrasão e outros fatores ambientais)

Fully waterblocked loose tube all-dielectric gel-free design

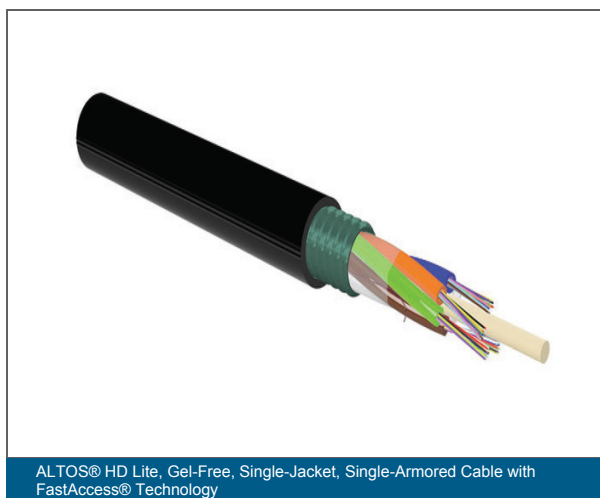
Simple access and no clean up

Estrutura em blindagem única

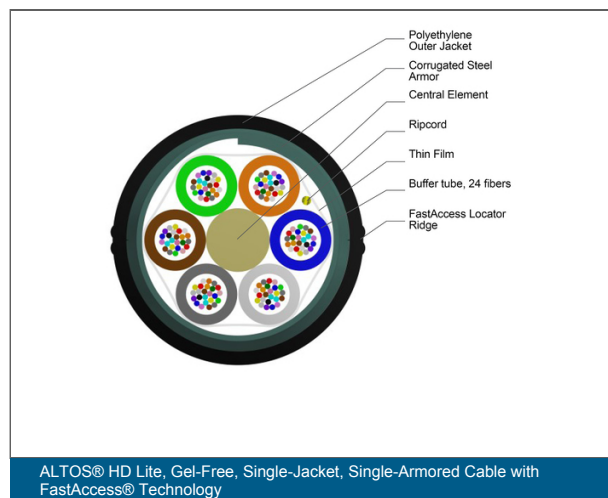
Fornece proteção adicional contra esmagamento e roedores

Available in Corning's 62.5 µm and 50 µm multimode, standard single-mode (G.652.D, G.657.A1), dispersion shifted single-mode (G.655, G.654), and hybrid versions

Ready for any application from Gigabit Ethernet all the way to ≥ 800G Long Haul



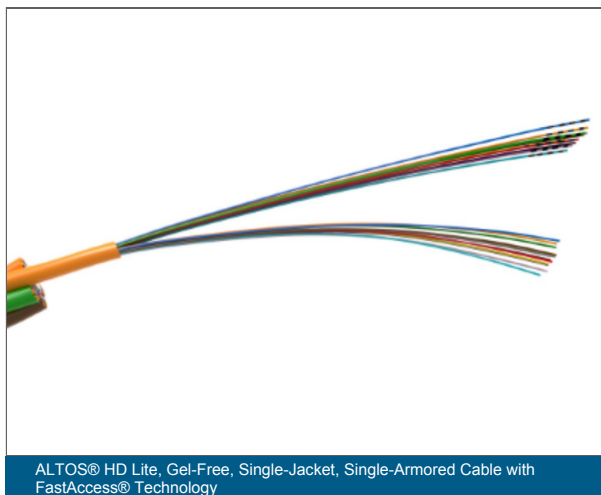
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Normas

RoHS

Livre de substâncias perigosas de acordo com RoHS 2011/65/EU

Specifications

Especificações gerais

Ambiente

Externo

Tipo de cabo

Loose Tube

Temperature Range

Faixa de temperatura, armazenamento

-40 °C - 70 °C (-40 °F - 158 °F)

Faixa de temperatura, instalação

-30 °C - 70 °C (-22 °F - 158 °F)

Faixa de temperatura, operação

-40 °C - 70 °C (-40 °F - 158 °F)

Notes

Corning recommends storing cable in a proper temperature environment prior to installation to allow the cable temperature to meet installation temperature range specifications for best installation results.

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Design Characteristics Cable

Contagem da fibra	Fibras por tubo	Número de posições do tubo	Número de tubos ativos	Diâmetro do tubo de buffer
96 - 144	24	6	4 - 6	2,7 mm
288	24	12	12	2,7 mm

Mechanical Characteristics Cable

Contagem da fibra	Diâmetro externo nominal	Resistência à tração máx., curto prazo	Resistência à tração máx., longo prazo	Min. Bend Diameter Installation	Min. Bend Diameter Operation	Peso do Cabo
96 - 144	12,5 mm	2700 N	890 N	376 mm	300 mm	139 kg/km
288	18,1 mm	2700 N	890 N	542 mm	362 mm	264 kg/km



Corning Comunicacoes Opticas • Estrada do Camorim 633 • Jacarepagua CEP 22780-070 • Rio De Janeiro, RJ Brazil
+55 21 3416 5150 • FAX: +55 21 2441 2037 • www.corning.com/opcomm/csa

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