

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 y beneficios

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.

Cubierta de polietileno

Resistente, duradero y fácil de pelar (a la vez que ofrece una protección superior contra la radiación ultravioleta, los hongos, la abrasión y otros factores ambientales)

Diseño de tubo holgado, libre de gel y completamente bloqueado de agua

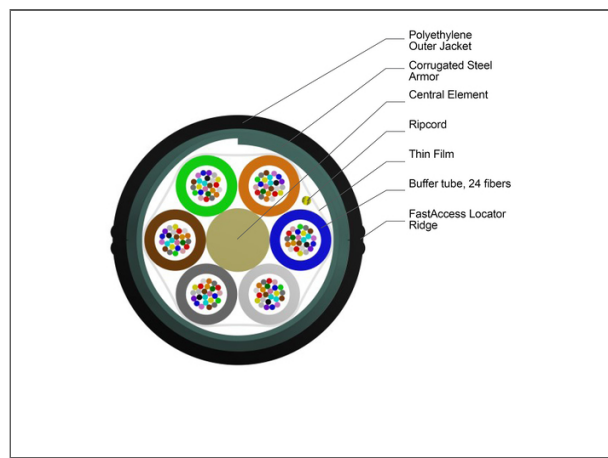
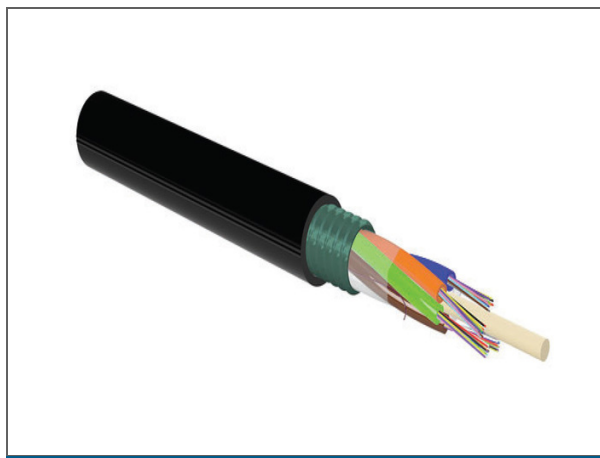
Acceso sencillo y sin limpieza

Estructura de blindaje única

Proporciona protección adicional contra aplastamiento y roedores.

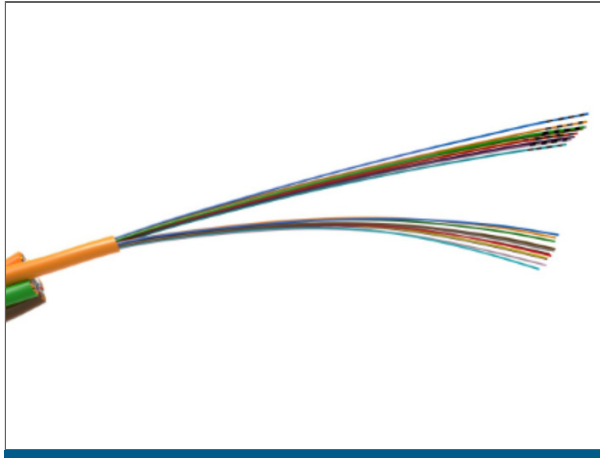
Available in Corning's 62.5 µm and 50 µm multimode, standard single-mode (G.652.D, G.657.A1), dispersion shifted single-mode (G.655, G.654), and hybrid versions

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



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Normas

RoHS

Libre de sustancias peligrosas según RoHS 2011/65/EU

Specifications

Especificaciones generales

Ambiente

Externo

Tipo de cable

Tubo holgado

Temperature Range

Rango de temperatura, almacenamiento

-40 °C - 70 °C (-40 °F - 158 °F)

Rango de temperatura, instalación

-30 °C - 70 °C (-22 °F - 158 °F)

Rango de temperatura, funcionamiento

-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

Número de fibras	Fibras por tubo	Número de posiciones del tubo	Número de tubos activos	Diámetro del tubo de buffer
96 - 144	24	6	4 - 6	2,7 mm
288	24	12	12	2,7 mm

Mechanical Characteristics Cable

Número de fibras	Diámetro externo nominal	Máxima resistencia a la tracción, corto plazo	Máxima resistencia a la tracción, a largo plazo	Min. Bend Diameter Installation	Min. Bend Diameter Operation	Peso del Cable
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



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