

ALTOS® HD Gel-Free, All-Dielectric Cable with Binderless* FastAccess® Technology

CORNING

Corning® ALTOS® HD cable with Binderless* FastAccess® technology is a high-density, all-dielectric gel-free cable designed for outdoor use for lashed aerial and duct installations.

The 24 fiber high-density buffer tube provides a 30 percent reduction in cable OD and a 2x increase in fiber density, which equals additional space for maximizing duct capacity. The buffer tubes and the fibers contained within are color-coded for quick and easy identification.

The innovative FastAccess technology feature combined with the gel-free binderless loose tube design simplifies cable jacket removal and tube access. 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 all-dielectric gel-free cable construction requires no bonding or grounding, and its medium-density polyethylene jacket that is rugged, durable, and easy to handle. The cable is fully waterblocked using craft-friendly, water-swallowable materials, which means no cleanup is required.

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.

Núcleo óptico tranzado sin aglutinantes

Eliminación de aglutinantes superpuestos alrededor de los tubos tranzados para reducir el tiempo de acceso final

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

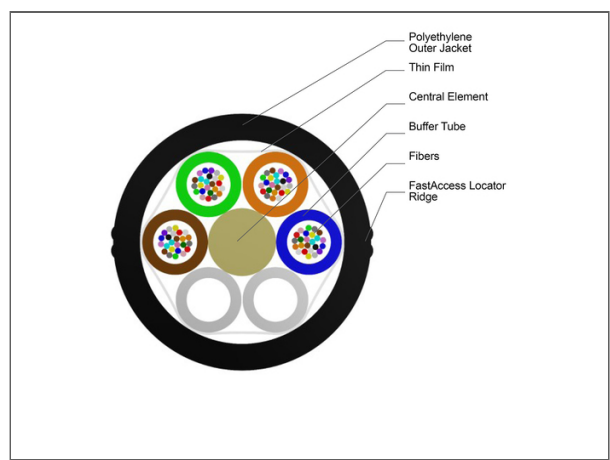
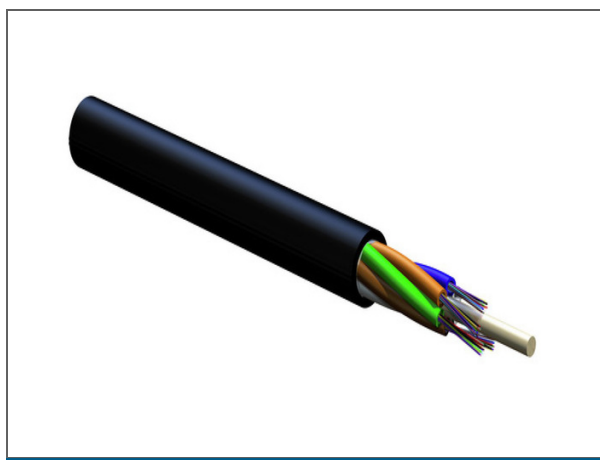
Acceso sencillo y sin limpieza

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)

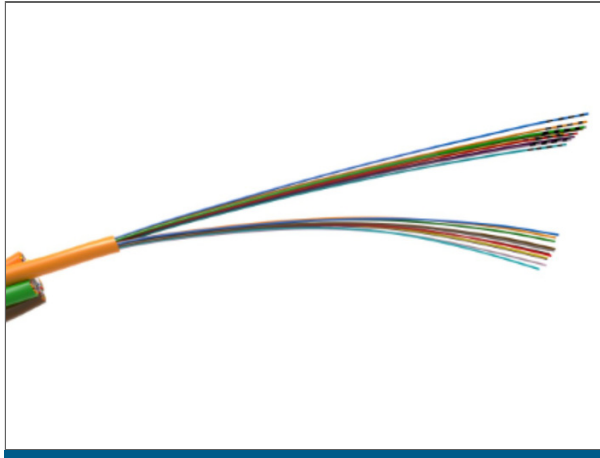
Available with Corning's SMF-28® Ultra fiber and SMF-28e+

ITU-T G.652.D and ITU.T G.657.A1 compliant fiber ready for any application.



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Normas

RoHS

Libre de sustancias peligrosas según RoHS 2011/65/EU

Specifications

Especificaciones generales

Ambiente

Externo

Tipo de producto

Dieléctrico

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	10,9 mm	2700 N	890 N	328 mm	300 mm	75 kg/km
288	16,7 mm	2700 N	890 N	502 mm	334 mm	173 kg/km



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