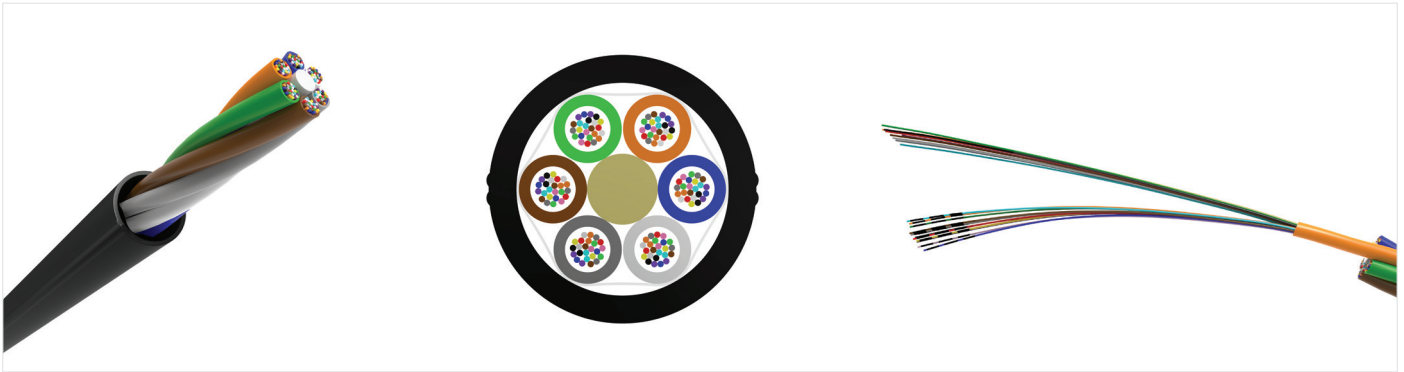


# ALTOS® HD Cable

High-Density OSP cable with 24 fibers per buffer tube



Corning ALTOS® HD cable with binderless\* FastAccess® technology is the latest innovation in the outside plant loose tube cable portfolio. The ALTOS HD cable features 24 fibers per buffer tube, allowing for double the density<sup>1</sup> in the same size duct. Fibers 13 through 24 are ring-marked for easy identification and differentiation. With a 30%<sup>1</sup> smaller outer diameter than comparable legacy cable, this lightweight cable has a lower carbon footprint.

The innovative FastAccess technology and gel-free binderless loose tube design features simplified cable-jacket removal and buffer tube access. ALTOS HD cable will be available in all fiber types to provide reliable transmission parameters for a variety of voice, data, video, and imaging applications. The product will also have the same versatility to be used in all parts of the network and markets. The cable is fully waterblocked using craft-friendly, water-swellaable materials that require no cleanup. 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 mid-span access.

Features	Benefits
Reduced and optimized cable cross-section	Lightweight cable with 30% diameter reduction
High density	24 fibers per buffer tube allows for a smaller cable, maximizing duct space
Binderless FastAccess technology and gel-free design	With no gel, binder yarns, and waterblocking tape, cable access time is reduced by 60%
Dielectric and armor options available	Suitable for a variety of applications Duct: Robust design suitable for up to 600 lbf maximum pulling tension Aerial: Can be lashed to other cables Direct-buried: Armor offering allows for crush and rodent protection

## Standards

Design and Test Criteria	ANSI/ICEA S-87-640, Telcordia GR-20, RDUP PE-90
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*\*Corning's proprietary binderless FastAccess® technology refers to the combination of a Corning FastAccess technology jacket with an innovative technology used to bind cable construction through the manufacturing process, eliminating the use of binder yarns and waterblocking tapes.*

*<sup>1</sup>Compared to legacy 144 F cable*

## General Specifications

### Cable

Max tensile strength, long-term	800N
Max tensile strength, short-term	2,700N
Fibers per tube	24

### Environmental Conditions

Temperature Range, Storage	-40°C to 70°C (-40°F to 158°F)
Temperature Range, Installation	-30°C to 70°C (-22°F to 158°F)
Temperature Range, Operation	-40°C to 70°C (-40°F to 158°F)

**CORNING**

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