

Clear Track Hallway Fiber Pathway

The Corning® Clear Track Hallway Fiber Pathway provides an aesthetically pleasing solution for use in brownfield multidwelling units (MDUs) and multitenant office buildings.

The pathway captures and routes a single 1.8 mm 8- or 12-Fiber Micro Module or a 2 mm 16-Fiber Micro Module in interior hallways. Typically this pathway will be used to route fibers from the telco closet to the hallway just outside the living unit or office location. The virtually invisible Clear Track Hallway Fiber Pathway features a proprietary, clear adhesive backing material with an easy-peel liner. Application involves no staples, no liquid adhesive, or bulky raceways. To install, simply remove the adhesive lining and apply the adhesive-backed surface to a wall near the ceiling.*

**The adhesive backing is meant to be for permanent bonding to the surface and therefore removing it from the wall will damage paint or wallpaper.*



Clear Track Hallway Fiber Pathway With Clear Track 12-Fiber Micro-Module

Features	Benefits
Virtually invisible pathway	Diffuse-reflection technology provides building owners and tenants with an inconspicuous fiber solution.
Proprietary, clear adhesive backing	Allows for simple installation without the use of staples or liquid adhesives.
Field-removable fiber	Clear Track 8-, 12-, and 16-fiber Micro-Module can be removed easily to repair or replace the fibers without damaging the wall surface.
Multisurface application	Secure installation to many surfaces including latex, oil paints, and wallpaper.
Clear Track Hallway Small Point-of-Entry Box with Command™ adhesive strips	Can be easily placed without the use of screws and anchors, and can be removed or adjusted without damage to the wall surface.

The Clear Track Fiber Micro-Module can be easily laid and captured within the Clear Track Hallway Fiber Pathway with the Clear Track Hallway Fiber Installation Tool. The flexible, continuous Clear Track Hallway Fiber Pathway can be easily routed around corners as well as curved or irregular surfaces, without any accessories or corner pieces. The unique fiber restraints and conformable adhesive help capture and provide durability to the fiber.

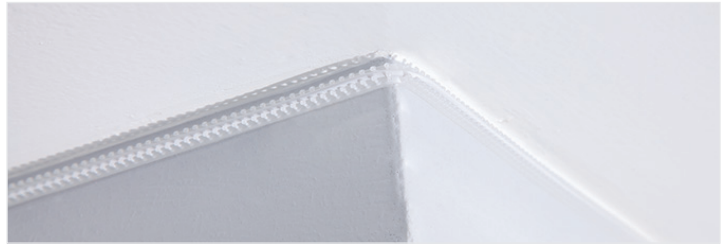
Clear Track Hallway Fiber Pathway Wall Surface Compatibility Test Results	
Painted Smooth Surfaces Flat Latex Semi-Gloss Latex Glossy Latex Semi-Gloss Alkyd Oil-Based Paint	Yes
Painted Textured Surfaces: Light Stucco and Cement Block Flat Latex Semi-Gloss Latex Glossy Latex Semi-Gloss Alkyd Oil-Based Paint	Yes
Wallpapered Surface Plain Paper Vinyl Coated Vinyl	Yes
Wallpapered Surface Polyolefin Woven	No
Unfinished and/or Unpainted Brick, Concrete, or Block	No



Installation of Clear Track Hallway Fiber Pathway with Hallway Installation Tool



Installation of Hallway Fiber Pathway with Clear Track Hallway Universal Installation Tool



Clear Track Hallway Fiber Pathway Installed Around Exterior Corner

Clear Track Hallway Fiber Pathway Specifications	
Material	Adhesive-backed polymer resin
Color	Clear
Paintability	Paintable with either latex or oil-based paint. Painting Clear Track Hallway Pathway makes fiber placement permanent and not reroutable.
Certifications	The Clear Track Hallway Fiber Pathway product has been listed to the requirements of UL 2024: Cable Routing Assemblies and Communications Raceways and CSA C22.2 No. 262 Optical Fiber and Communications Cable Raceway Systems - FT4.
Installation Conditions	<p>Clear Track Hallway Installation:</p> <p>50°F to 104°F (10°C to 40°C) on a clean, dry surface. Suggested to maintain relative humidity below 85% to prevent surface condensation.</p> <p>Allow the Clear Track Hallway Pathway and accessories to acclimate for 24 hours at recommended product installation temperature prior to install.</p> <p>Note: For optimum curing of the adhesive, hold recommended installation temperature conditions for 72 hours after product installation.</p>
Storage Conditions	The Clear Track Hallway Fiber Pathway has a shelf life of 24 months from date of manufacture when stored at 23°F to 122°F (-5°C to 50°C) and 0% to 95% relative humidity. The optimum product storage conditions are 72°F (22°C) and 50% relative humidity.
Operating Temperature	23°F to 122°F (-5°C to 50°C)
UV Resistance	Clear Track Hallway Fiber Pathway and Clear Track 8-, 12-, and 16-fiber Micro-Module conform to indoor requirements per ASTM G 154. 1000h, UV-A 351 nm.

Clear Track 12-Fiber Micro-Module Specifications

Product Type

White 1.8 mm (8 or 12 fibers) or 2 mm (16 fibers) Micro Module Jacket
8, 12, or 16 ultra-bend-insensitive single-mode fibers with 250 μm coating with color code

Proof tested to 100 kpsi
Meets ITU-T G.657.B3, G.652.D

Optical Specifications

Attenuation

Attenuation at 1310 nm	≤ 0.35 dB/km
Attenuation at 1490 nm	≤ 0.25 dB/km
Attenuation at 1550 nm	≤ 0.22 dB/km
Attenuation at 1625 nm	≤ 0.24 dB/km

Attenuation with Bending

Number of turns	1	1
Mandrel radius	5.0 mm	5.0 mm
Wavelength	1550 nm	1625 nm
Induced attenuation	≤ 0.15 dB	≤ 0.45 dB

Cutoff Wavelength (cross-correlation function [CCF])

≤ 1260 nm

Mode Field Diameter (MFD)

Wavelength (nm)	1310 nm	1550 nm
MFD (μm)	8.7 ± 0.5	9.65 ± 0.7

Geometrical Specifications

Glass cladding diameter	125.0 ± 0.4 μm
Glass core/cladding concentricity error	≤ 0.3 μm
Glass core/cladding noncircularity	$\leq 0.3\%$
Inked coating diameter	242 ± 5.0 μm



Hallway POE (Point of Entry) Equipped with Duplex SC APC Adapter



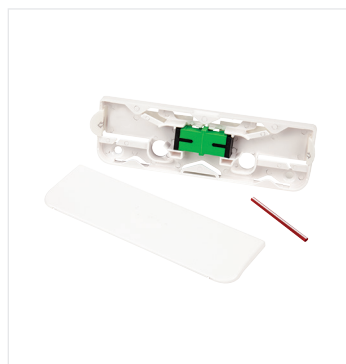
Clear Track Wall Compatibility Test Weight and Strips

Ordering Information

Description	Part Number	Minimum Order
Clear Track Hallway Fiber Pathway, 125 ft	80611622780	One piece
Clear Track 8-Fiber Micro-Module, 150 ft, SC APC pigtail, pulling grip on one side	CLR-HALLM-150-8F-SCA	One piece
Clear Track 8-Fiber Micro-Module, 300 ft, SC APC pigtail, pulling grip on one side	CLR-HALLM-300-8F-SCA	One piece
Clear Track 8-Fiber Micro-Module, 600 ft, SC APC pigtail, pulling grip on one side	CLR-HALLM-600-8F-SCA	One piece
Clear Track 12-Fiber Micro-Module, 150 ft, SC APC pigtail, pulling grip on one side	80611622798	One piece
Clear Track 12-Fiber Micro-Module, 300 ft, SC APC pigtail, pulling grip on one side	80611622806	One piece
Clear Track 12-Fiber Micro-Module, 600 ft, SC APC pigtail, pulling grip on one side	80611623044	One piece
Clear Track 12-Fiber Micro-Module, white, 150 Ft, MTP* (pinned) APC pigtail, pulling grip on one side	CLR-HALLM-150-12F-MTPM-OW	One piece
Clear Track 12-Fiber Micro-Module, white, 300 Ft, MTP (pinned) APC pigtail, pulling grip on one side	CLR-HALLM-300-12F-MTPM-OW	One piece
Clear Track 12-Fiber Micro-Module, white, 600 Ft, MTP (pinned) APC pigtail, pulling grip on one side	CLR-HALLM-600-12F-MTPM-OW	One piece
Clear Track 16-Fiber Micro-Module, 150 ft, SC APC pigtail, pulling grip on one side	CLR-HALLM-150-16F-SCA	One piece
Clear Track 16-Fiber Micro-Module, 300 ft, SC APC pigtail, pulling grip on one side	CLR-HALLM-300-16F-SCA	One piece
Clear Track 16-Fiber Micro-Module, 600 ft, SC APC pigtail, pulling grip on one side	CLR-HALLM-600-16F-SCA	One piece
Clear Track 8-Fiber Micro-Module, 750 ft, unterminated	CLR-HALLM-750-8F	One piece
Clear Track 12-Fiber Micro-Module, 750 ft, unterminated	80611623051	One piece
Clear Track 16-Fiber Micro-Module, 600 ft, unterminated	CLR-HALLM-600-16F	One piece
Clear Track Hallway Small Point-of-Entry Box, SC APC simplex adapter with Command™ adhesive tape and two drywall screws	80611622822	30 pieces
Clear Track Hallway Small Point-of-Entry Box, SC UPC simplex adapter with Command adhesive tape and two drywall screws	CLR-SMALL-POE-250-SCU-WH	30 pieces
Hallway POE (Point-of-Entry) equipped with duplex LC APC adapter, 4 screws, 2 wall anchors, and adhesive tape pre-installed, white	SM-POE-DLCA-WHT	30 pieces
Hallway POE (Point-of-Entry) equipped with duplex LC UPC adapter, 4 screws, 2 wall anchors, and adhesive tape pre-installed, white	SM-POE-DLCU-WHT	30 pieces
Hallway POE (Point-of-Entry) equipped with duplex SC APC adapter, 4 screws, 2 wall anchors, and adhesive tape pre-installed, white	SM-POE-DSCA-WHT	30 pieces
Hallway POE (Point-of-Entry) equipped with duplex SC UPC adapter, 4 screws, 2 wall anchors, and adhesive tape pre-installed, white	SM-POE-DSCU-WHT	30 pieces
Universal Clear Track Hallway Installation Tool	CLR-HALL-TOOL-UNIV	Six pieces
Clear Track Hallway Installation Tool with Hall/Quad Wheels	80611623085	Six pieces



Clear Track 12-Fiber Micro-Module Spool Connectorized with SC APC Connectors and Pulling Grip



Clear Track Hallway Small Point-of-Entry Box with Command™ Adhesive Strips



Clear Track Hallway Fiber Access Toolkit

Ordering Information (continued)

Description	Part Number	Minimum Order
Clear Track Hallway Fiber Pathway Cover, 305 pieces, 1 m length, 1,000 ft per pack	80611623077	One pack
Clear Track Hallway Fiber Access Toolkit (fiber pick and mid-span micro-module slitting tool)	80611635063	One piece
Belt Clip Spool Holder, 3 x 2-in (interior diameter x width)	80611621337	One piece
Clear Track Fiber Point-of-Entry Sliding Wall Cover with 2 screws and 2 wall anchors, white	80611382146	30 pieces
Clear Track Fiber Point-of-Entry Sliding Wall Cover with 2 screws, 2 wall anchors, and adhesive tape pre-installed, white	ILU-SM-POE-WC-AT	30 pieces
Clear Track Hallway/ILU/QUAD Wall Compatability Test Weight and Test Strips	80611623671	One piece
Clear Track Wall Surface Compatibility Test Strips (refill, 40 strips)	80611486871	One box
200 ft of 0.25-in riser rated/flame retardant protective split sleeve cover	CLR-SS-025-200F	One piece
0.25-in Split sleeve fiber installation tool	CLR-SS-025-TOOL	One piece
Multipurpose Box, splicing and large fire stop/hole coverage	80611380892	60 pieces
Clear Track Quad Fiber Pathway, 80 ft	CLR-TRK-QUAD-80	One piece
Clear Track Quad Cover, 200 pieces, 650 ft	CLR-TRK-CVR-QUAD	One pack
60 Clear Track Metal 12-in Bridge Strip (60 metal strips, 120 screws, and 120 wall anchors)	80611382187	60 pieces
Clear Track Plastic 16-in Bridge Strip (20 strips, 40 clips, and 40 adhesive strips)	CLR-TRK-BRG-PLS	One pack
Clear Track Wall Cleaning Kits	XT005573271	One pack



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