

Clear Track Quad Fiber Pathway

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

The pathway can capture and route up to four individual 900 µm Clear Fibers in interior hallways. This solution is ideal for pathways supporting four or fewer tenants and allows home run drops from floor terminal to the wall outlet in the tenant unit. The solution also allows deferred implementation of fiber until subscription. 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 Quad 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 Quad Fiber Pathway with Two 900 µm Clear Fiber

Features	Benefits
Virtually invisible pathway	Diffuse-reflection technology provides homeowners and tenants with an inconspicuous fiber solution.
Proprietary, clear adhesive backing	Allows for simple installation without the use of staples, liquid adhesives, or specialty tools.
Field-removable fiber	900 µm Clear Fiber can be removed easily to extend, or reroute per customer needs without damaging wall surface.
Multisurface application	Secure installation to many surfaces including latex and oil paints and wallpaper.
Individual fiber pathways	Allows for home run drops from floor terminal to the wall outlet in the living unit. Material cost savings over traditional hallway/micro-module for series runs of four tenant units or less. Deferred implementation of fiber until subscription.

The 900 µm Clear Fiber can be easily laid and captured within the Clear Track Quad Fiber Pathway with the Clear Track fiber installation tool. The flexible, continuous Clear Track Pathway can be easily routed around corners as well as radiused or irregular surfaces, without any accessories or corner pieces. The unique pathway and conformable adhesive capture and provide protection to the fiber.

Clear Track Quad Fiber Pathway Wall Surface Compatibility Test Results

Wall Surface Type 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



Clear Track ILU/Quad Installation Tool



Clear Track Quad Fiber Pathway Installed Around Exterior Corner

Clear Track Quad Fiber Pathway Specifications

Material	Adhesive-backed polymer resin
Color	Clear
Paintability	Paintable with either latex or oil-based paint. Painting Clear Track Pathway makes fiber placement permanent and not reroutable.
Certifications	The Clear Track Quad 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 Quad Installation:</p> 50°F to 104°F (10°C to 40°C) on a clean, dry surface. Suggested to maintain relative humidity below 85 percent to prevent surface condensation.
	Allow the Clear Track Quad Pathway duct and accessories to acclimate for 24 hours at recommended product installation temperature prior to install. Note: For optimum curing of the adhesive, hold recommended installation temperature conditions for 72 hours after product installation.
Storage Conditions	The Clear Track Quad 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 percent relative humidity. The optimum product storage conditions are 72°F (22°C) and 50 percent relative humidity.
Operating Temperature	23°F to 122°F (-5°C to 50°C)
UV Resistance	Conforms to indoor requirements per ASTM G154, 1000h, UV-A 351 nm.

900 μm Clear Fiber Specifications

Product Type		
Tight buffer coating type Ultra bend-insensitive single-mode fiber	900 μm Clear PVC, proof tested to 100 kpsi 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 (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 non-circularity	≤ 0.3 %	
Buffer diameter	0.9 ± 0.05 mm	
Coating diameter	242 ± 5 μm	



Belt Clip Holder with Clear Track Quad Fiber Pathway Spool



Micro Point-of-Entry Wall Cover

Ordering Information

Description	Part Number	Minimum Order
Clear Track Quad Fiber Pathway, 80 ft	CLR-TRK-QUAD-80	One piece
900 μm Clear Fiber, 1 km spool	80-6114-9805-8	One piece
900 μm Clear Fiber, 600 ft spools	80-6116-2203-8	One piece
Clear Track Quad Cover, 200 pieces, 650 ft	CLR-TRK-CVR-QUAD	One pack
Belt Clip Spool Holder (3-in ID, 2-in W)	80-6116-2133-7	One piece
Micro Point-of-Entry Wall Cover	80-6114-9807-4	60 pieces
Clear Track Installation Tool with Quad wheels	80-6114-8645-9	Six pieces
Clear Track Hall/ILU/Quad wall compatibility test weight and test strips	80-6116-2367-1	One piece
Clear Track Wall Surface Compatibility Test Strips (refill, 40 strips)	80-6114-8687-1	One pack
Clear Track ILU Fiber Pathway with belt clip spool holder, Clear Fiber Drop Cable, accessories, and tools trial kit	80-6114-9811-6	One piece
Clear Track Wall Cleaning Kit	XT005573271	One pack
Clear Track Plastic 16-in Bridge Strip, 20 strips, 40 clips	CLR-TRK-BRG-PLS	One Pack
Clear Track Hallway Small Point-of-Entry Box	80611622822	30 pieces



Clear Track Hallway/ILU/Quad Wall Compatibility Test Weight and Test Strips



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