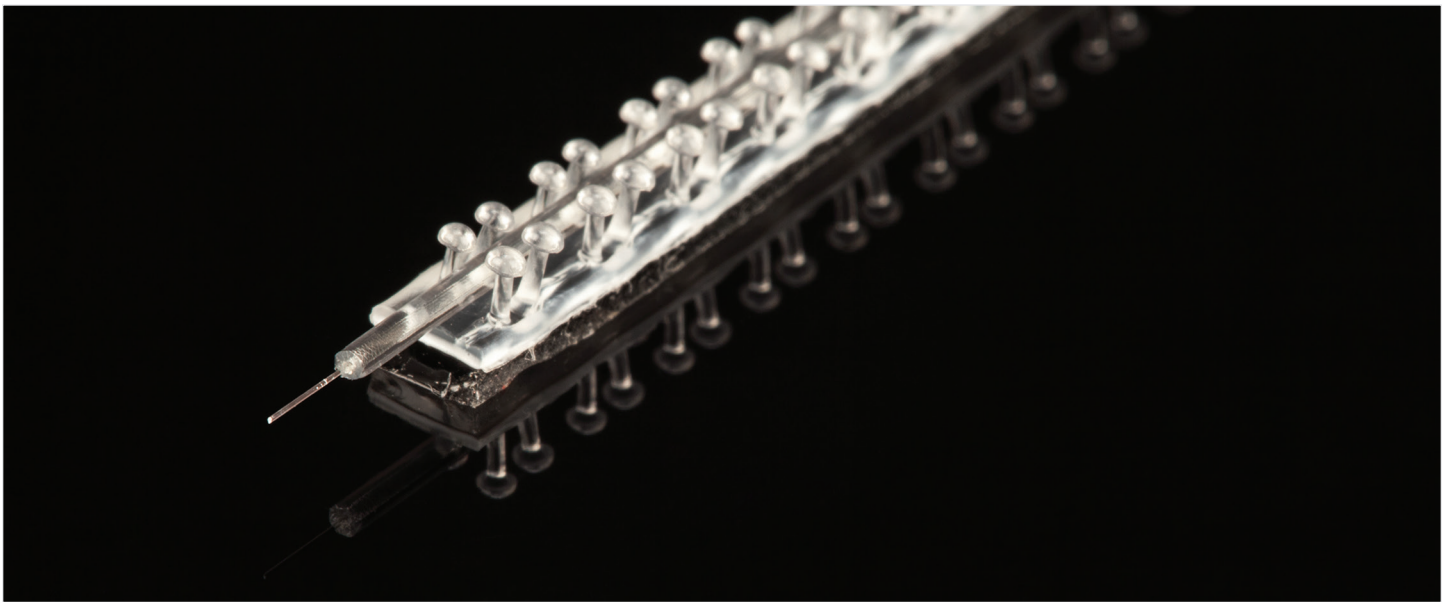


Clear Track ILU Fiber Pathway

The Clear Track ILU Fiber Pathway provides an aesthetically pleasing solution for indoor residential or office applications.

The pathway captures and routes a single 900 μm clear fiber to the desired outlet or terminal location, while remaining virtually invisible. Clear Track ILU Fiber Pathway features a proprietary, clear adhesive backing material with an easy-peel liner. Application involves no staples, no heat, 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 or a baseboard.*

**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 ILU Fiber Pathway with 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.

The 900 µm Clear Fiber can be easily laid and captured within the Clear Track 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 fiber restraints and conformable adhesive capture and provide protection to the fiber.

Clear Track ILU 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 Installation Tool



Belt Clip Spool Holder on Clear Track ILU Fiber Pathway Spool

Clear Track ILU 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 ILU 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 ILU 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 percent to prevent surface condensation.</p> <p>Allow the Clear Track ILU pathway duct 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 ILU 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 200 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



900 μm Clear Fiber, 1 km Spool
ITU-T G.657.B3 Grade



Micro Point-of-Entry Wall Cover

Ordering Information

Description	Part Number	Minimum Order
Clear Track ILU Fiber Pathway (track only) 205 ft spool (CLR-TRK-205-01-000)	80-6116-2131-1	Eight spools
900 μm Clear Fiber, 1 km spool (CLR-FBR-1KM-01-000)	80-6114-9805-8	One spool
900 μm Clear Fiber, 600 ft spools (CLR-FBR-600-01-000)	80-6116-2203-8	Eight spools
Clear Track ILU Cover, 1 m length, 305 pieces (1,000 ft) (CLR-TRK-CVR)	80-6114-8779-6	One package
Belt Clip Spool Holder (3-in ID, 2-in W) (CLR-BELT-CLIP-32)	80-6116-2133-7	One clip
Micro Point-of-Entry Wall Cover (CLR-POE-60)	80-6114-9807-4	60 per pack
Clear Track Installation Tool with ILU/quad wheels (CLR-TOOL-ILU/QUAD)	80-6114-8645-9	6 per pack
Clear Track Hall/ILU/Quad Wall Compatibility Test Weight and Test Strips (CLR-KIT-WALLTEST)	80-6116-2367-1	One kit
Clear Track ILU Installation Toolkit with fiber pick, test weight, and test strips (CLR-KIT-ILU)	80-6114-8688-9	One kit
Clear Track Wall Surface Compatibility Test Strips (refill, 40 strips) (CLR-TEST-STRIPS)	80-6114-8687-1	One box
Clear Track ILU Fiber Pathway with belt clip spool holder, Clear Fiber drop cable, accessories, and tools trial kit (CLR-TRK-KIT)	80-6114-9811-6	One kit



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

A solid blue square located in the bottom left corner of the page. The word "CORNING" is written in white, uppercase, serif font across the middle of the square.

CORNING

Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

Corning Optical Communications reserves the right to improve, enhance, and modify the features and specifications of Corning Optical Communications products without prior notification. A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2019 Corning Optical Communications. All rights reserved. CRR-923-AEN / April 2019