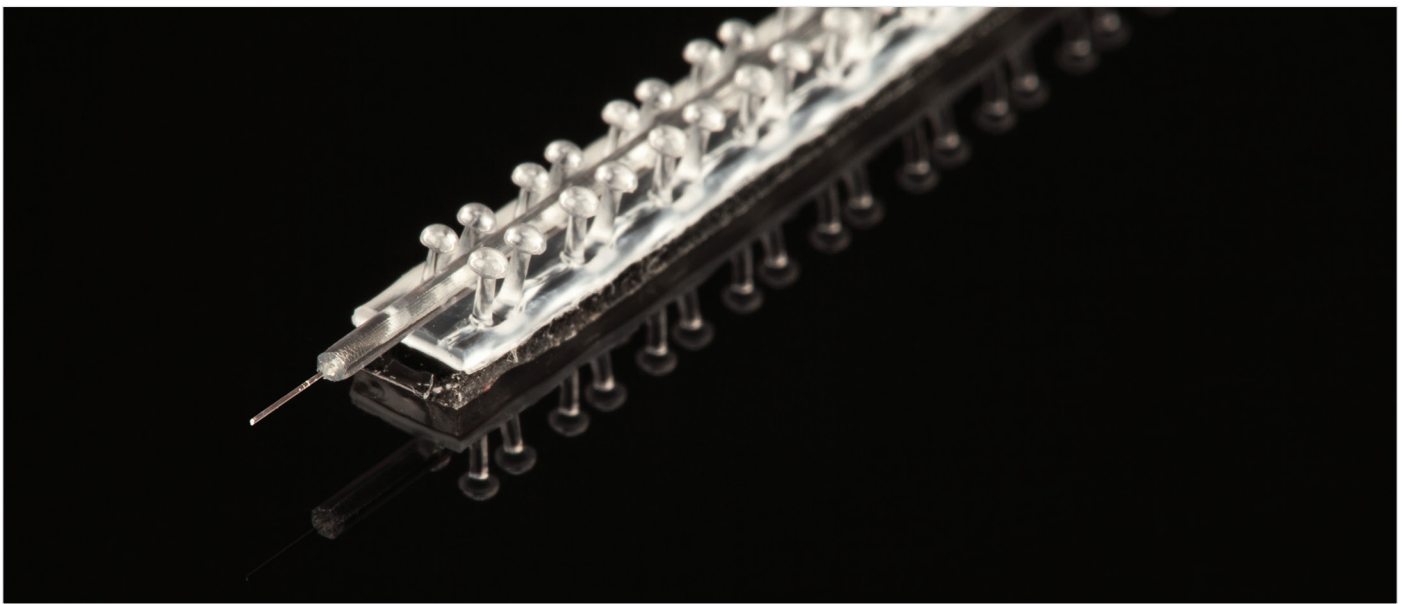


Clear Track ILU Fibre Pathway for 900 µm Clear Fibre

The Clear Track ILU Fibre Pathway for 900 µm Clear Fibre provides an aesthetically pleasing solution for indoor residential or office applications.

The pathway captures and routes a single 900 µm clear fibre to the desired outlet or terminal location, while remaining virtually invisible. Clear Track ILU Fibre 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.*



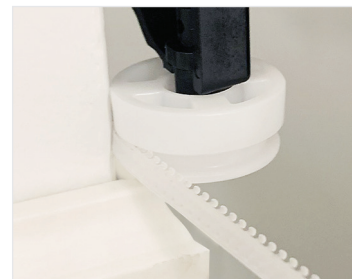
Clear Track ILU Fibre Pathway with 900 µm Clear Fibre

Features	Benefits
Virtually invisible pathway	Diffuse-reflection technology provides homeowners and tenants with an inconspicuous fibre solution.
Proprietary, clear adhesive backing	Allows for simple installation without the use of staples, liquid adhesives, or specialty tools.
Field-removable fibre	900 µm Clear Fibre 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 Fibre can be easily laid and captured within the Clear Track Fibre Pathway with the Clear Track fibre 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 fibre restraints and conformable adhesive capture and provide protection to the fibre.

Clear Track ILU Fibre 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



Belt Clip Spool Holder and Clear Track ILU Fibre Pathway Spool

Clear Track ILU Fibre Pathway Specifications for 900 µm Clear Fibre

Material	Adhesive-backed polymer resin
Color	Clear
Paintability	Paintable with either latex or oil-based paint. Painting Clear Track Pathway makes fibre placement permanent and not reroutable.
Certifications	The Clear Track ILU Fibre Pathway product has been listed to the requirements of UL 2024: Cable Routing Assemblies and Communications Raceways and CSA C22.2 No. 262 Optical Fibre 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% 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	Conforms to indoor requirements per ASTM G154, 1000h, UV-A 351 nm.

900 µm Clear Fibre Specifications

Product Type

Tight buffer coating type Ultra bend-insensitive single-mode fibre	900 µm Clear PVC, proof tested to 100 kpsi ITU-T G.657.B3, G.652.D
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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 µm	9.65 ± 0.7 µm

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 Fibre, 1 km Spool
ITU-T G.657.B3 Grade



Micro Point-of-Entry Wall Cover

Ordering Information Clear Track ILU Fibre Pathway for 900 µm Clear Fibre

Description	Part Number
Clear Track ILU Fibre Pathway (track only) 205 ft (63 m) spool	80611621311
Clear Track ILU Cover, 1 m length, 63 pieces	CLR-TRK-CVR-63X1M-ILU
Clear Track QUAD Fibre Pathway, 80 ft (24 m) spool	CLR-TRK-QUAD-80
Clear Track QUAD Cover, 1 m length, 200 pieces	CLR-TRK-CVR-QUAD
900 µm Clear Fibre, 1 km spool	80611498058
900 µm Clear Fibre, 600 ft (183 m) spools	80611622038

Clear Track ILU Accessories

Micro Point-of-Entry Wall Cover	80611498074
Clear Track ILU/QUAD Installation Tool	80611486459
Belt Clip Spool Holder (3-in inner diameter, 2-in width)	80611621337
Clear Track Compatibility Test Weight and Test Strips	80611623671
Refill Clear Track Wall Surface Compatibility Test Strips (40 strips)	80611486871
Clear Track Metal 12 in (30 cm) Bridge Strip	80611382187
Clear Track Plastic 16 in (40 cm) Bridge Strip	CLR-TRK-BRG-PLS
Low-Profile Wall Plate with SC APC shuttered adapter	80611488745



Clear Track Wall Compatibility
Test Weight and Test Strips



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