



# EZ-Bend® InvisiLight™ Optical Solution

**SUPPORTING MULTIPLE DWELLING UNIT (MDU) AND IN-HOME WIRING APPLICATIONS**

Greater use of low cost “desktop” ONTs is now driving the need for low visibility, faster fiber routing inside living units. The OFS EZ-Bend® InvisiLight™ Optical Solution is a revolutionary new system that enables fast, easy, virtually invisible in-residence fiber drop connections. The installer uses an innovative simple process to adhere a tiny (< 1 mm diameter) micro-drop fiber into the grooves between molding and walls or ceilings, resulting in a protected fiber link that blends seamlessly into the residence.

OFS' EZ-Bend Fiber enables the EZ-Bend InvisiLight Optical Solution to be routed around the many corners in a residence with negligible signal loss, enabled by its 2X - 3X better tight bending performance than competing ultra-bend insensitive fibers. This plug and play solution reduces the need for field terminations and solves the slack management challenge through an innovative auto-slack manager.



**NOT SEEING IS BELIEVING**

## EZ-Bend InvisiLight Optical Solution Advantages:

- **Virtually invisible with minimal disruption— for greater acceptance, take rates, and revenue**
  - 10X smaller than 2.9 mm cordage
  - 20X smaller than taped fiber system
  - Staple-free adhesive application minimises damage to walls and moldings
- **Faster, easier plug and play solution – to enable lower installed cost**
  - 2X faster than tape based systems
  - No field termination required, auto slack management
  - Quick adhesive drop placement
  - Fast press-on self adhesive bend managers
  - Immediate repositioning possible, tighter bond vs tape to various surfaces
  - Up to 25 corners and 132 feet, with through wall option covering most ILU needs
- **Protected within natural grooves and pathways within the living unit**
- **InvisiLight System meets Telecordia GR-326; GR-409 and IEC 60794 standards**
- **EZ-Bend InvisiLight 900 µm buffered fiber and adhesive system is UL-1651 Listed**

The entire solution is environmentally friendly: free of heavy metals, RoHS-compliant, not hazardous to human touch and leaves little waste. The adhesive is compatible with a variety of wall surfaces, expanding the applications where the product can be used. It is also paintable using both latex and oil based paints.

The fiber is provided on factory terminated spools with SC APC

connections on both ends. After the fiber is routed, the spool serves as an auto slack storage unit that integrates into a surface mounted termination module. The components for fiber routing consist of easy press-on bend limiters and an optional and easy to use through wall application kit. Fast installation minimizes time in unit and resulting disruption to living unit occupants.



Through Wall Tool and a Package of 4 Covers



Module or Living Unit Entry Point to Connect the Internal Unit Fiber to the Outside Fiber



Interior and Exterior Bend Limiters (Package of 10 each)



**TAKE A CLOSER LOOK**  
Almost invisible to the eye

### EZ-Bend InvisiLight Optical Solution Ordering Info

Ordering Code	Comcode	Ordering Code*	Comcode
NVSLGHTC-D-SCASCA-TRYMEOUTKIT-10U-30M	301079141		
<b>Module Kit*</b>			
NVSLGHTC-D-SCASCA-MODULE KIT-20M-0025/PK	301079075	NVSLGHTC-D-SCASCA-MODULE KIT-40M-0050/PK	301079596
NVSLGHTC-D-SCASCA-MODULE KIT-30M-0025/PK	301079083	NVSLGHTC-D-SCASCA-MODULE KIT-20M-0100/PK	301079521
NVSLGHTC-D-SCASCA-MODULE KIT-40M-0025/PK	301079091	NVSLGHTC-D-SCASCA-MODULE KIT-30M-0100/PK	301079562
NVSLGHTC-D-SCASCA-MODULE KIT-20M-0050/PK	301079513	NVSLGHTC-D-SCASCA-MODULE KIT-40M-0100/PK	301079604
NVSLGHTC-D-SCASCA-MODULE KIT-30M-0050/PK	301079554		
<b>Adhesive Kit</b>		<b>Tools</b>	
NVSLGHTC-TUBE, 30ML ADHESIVE 025/PK	301079117	NVSLGHTC-MINI DISPENSING TOOL	301079109
NVSLGHTC-TUBE, 30ML ADHESIVE 050/PK	301079125	NVSLGHTC-TOOL BELT KIT	301079638
NVSLGHTC-TUBE, 30ML ADHESIVE 100/PK	301079133		

\* Each module kit includes the assembly, module, connectorized fiber spool of the specified length, wall plug and cover pkg of 4, interior and exterior pkg of 10 bend radius managers and a through the wall tool.

**FOR ADDITIONAL INFORMATION PLEASE CONTACT YOUR SALES REPRESENTATIVE.**

You can also visit our website at [www.ofsoptics.com](http://www.ofsoptics.com) or call 1-888-fiberhelp (1-888-342-3743) from inside the USA or 1-770-798-5555 from outside the USA.

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