



A Furukawa Company

## InvisiLight® ILU 600 $\mu\text{m}$ Solution

Compact FTTx Module for Installation in Living Unit



External View



Open with Spool  
(600  $\mu\text{m}$  Version Shown)

### Features and Benefits

- Enables virtually invisible surface mount fiber deployment inside living units and offices
- InvisiLight 600  $\mu\text{m}$  buffered OFS EZ-Bend® Optical Fiber on a spool with factory terminated and tested connectors on both ends
- 55% smaller than original InvisiLight 900  $\mu\text{m}$  fiber for even less visible, faster, and easier installation
- Spool mounts and spins in compact 80x80 mm module to provide integrated slack management
- Color-coded adapters provide easy fiber identification SCA (green) or SCU (blue) simplex adapters. LC connectivity is available upon request
- Up to 40 meters (132 ft) of fiber on spool supports nearly every installation need
- RoHS Compliant; free from heavy metals and environmentally friendly

### Product Description

The InvisiLight ILU 600 solution kit consists of 600  $\mu\text{m}$  buffered EZ-Bend Optical Fiber on a spool with factory terminated and tested connectors on both ends. The spool spins on a hub inside an 80 X 80 Adapter Module with an SC-APC external shuttered adapter. The shutter provides dust protection when the ONT jumper is not engaged. There are two fiber ports of entry at the bottom of the module and one in the module base.

The outside end of the fiber is spooled out of the module and attached using the InvisiLight® adhesive and application tool, both sold separately. Excess slack is collected on the spool, and the inside end connector is plugged into the adapter on the right-hand side. An EZ-Bend-jumper (sold separately) is plugged between the shuttered end of the adapter and the ONT.



Handles 600  $\mu\text{m}$   
InvisiLight Optical Fiber for  
**Double the Fiber Storage**  
(versus 900  $\mu\text{m}$ )

Performance Specifications	
Product Characteristics	
<b>Weight</b>	1 lb.
<b>Dimensions</b>	3.15 x 3.15 x 0.83 in 80 x 80 x 21 mm
<b>Material</b>	Polypropylene (PP)
<b>Operating Temperature</b>	-40 to +85 °C
<b>Storage Temperature</b>	-40 to +85 °C
<b>Loss</b>	LC APC 0.5 SC APC 0.5 dB
<b>Return Loss</b>	-60 dB

### Ordering Information

80 x 80 InvisiLight Module	MPN	
NVSLGHTC-MODULE 80 X 80 E/W SCA ADAPTER	301096467	
80 x 80 InvisiLight Kits with 600 μm Fiber	MPN	Product Description
NVSLGHTC-D-SASSAS-80X80 KIT-600UM-20M-EA	301147609	InvisiLight 80 X 80 20 meter spool, module with SC APC short boot connectors on both ends and an SC APC adapter.
NVSLGHTC-D-SASSAS-80X80 KIT-600UM-25M-EA	301153250	InvisiLight 80 X 80 25 meter 600 μm fiber spool, module with SC APC short boot connectors on both ends and an SC APC adapter
NVSLGHTC-D-SASSAS-80X80 KIT-600UM-30M-EA	301147617	InvisiLight 80 X 80 30 meter spool, module with SC APC short boot connectors on both ends and an SC APC adapter.
NVSLGHTC-D-SASSAS-80X80 KIT-600UM-40M-EA	301147625	InvisiLight 80 X 80 40 meter spool, module with SC APC short boot connectors on both ends and an SC APC adapter.
<b>KIT INCLUDES:</b> CONNECTORIZED SPOOL, MODULE E/W ADAPTER, WALL THROUGH TOOL, BEND LIMITERS (6 EA INSIDE AND OUTSIDE), AND WALL PLUGS (4 EA CAP AND PLUG)		
Tools & Accessories	MPN	
NVSLGHTC-TUBE,30ML ADHESIVE WH/GR-TIP EA	301083184	
NVSLGHTC-MINI DISPENSING TOOL	301079109	
NVSLGHTC-POLE EXTENSION TOOL 900 UM	301121885	

**For additional information please contact your sales representative.**

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