



A Furukawa Company

InvisiLight® 80 X 80 Module with 600 μm Fiber

Compact Indoor Module for Installation in Living Unit or Office



External View



Open with Spool
(600 μm Version Shown)



900 μm vs. 600 μm Comparison



Handles 600 μm
InvisiLight Optical Fiber for
Double the Fiber Storage
(versus 900 μm)

Features and Benefits

- Enables virtually invisible surface mount fiber deployment.
- InvisiLight 600 μm buffered OFS EZ-Bend® Optical Fiber on a spool with factory terminated and tested connectors on both ends.
- 55% smaller (area) compared to original InvisiLight 900 μm fiber for even less visible, faster, and easier installation.
- OFS EZ-Bend fiber provides 2.5 mm minimum bend radius to handle tight corners. Ask to see the OFS demonstration of 50 corners and more with negligible loss!
- Fast, discrete and seamless install for fiber connection.
- Spool mounts and spins in module base for integrated slack management.
- Color-coded adapters provide easy fiber identification SCA (green) or SCU (blue) simplex adapters; LC compatible cradle and connectors available on 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 80 x 80 Module with 600 μm fiber solution kit consists of 600 μm buffered EZ-Bend Optical Fiber on a spool with factory terminated and tested connectors on both ends. The spool spins on a hub inside the base module with an SC-APC external shuttered adapter. The shutter provides dust protection when the ONT jumper is not engaged. There are four egress points for the fiber to exit the module base with an additional egress point within the module base if required.

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.

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

Ordering Information

| 80 x 80 InvisiLight Module | MPN | Product Description |
|--|-----------|---|
| NVSLGHTC-MODULE 80 X 80 E/W SCA ADAPTER | 301096467 | InvisiLight 80 x 80 module with SCA adapter only. |
| 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 600 µm 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 600 µm 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 600 µm spool, module with SC APC short boot connectors on both ends and an SC APC adapter. |
| KIT INCLUDES: CONNECTORIZED SPOOL, MODULE E/W ADAPTER, WALL THROUGH TOOL, BEND LIMITERS (6 EA INSIDE AND OUTSIDE), AND WALL PLUGS (4 HINGED CAP WALL PLUGS) | | |
| 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.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.