



## InvisiLight EZ-Connect Module

Pre-terminated FTTx Module for Easy Deployment in Living Unit

### Key features

- Handles 900  $\mu\text{m}$  InvisiLight Optical Fiber and the slack management for Tight Buffer Optical Fiber and the ONT jumper
- Wall mounted compact module
- Allows up to 40 meters to be dispensed on the bottom layer and up to 2.5 meters of 2 mm cord on the top spool layer (up to 1.5 meters considering a 3 mm cord)
- Spool locking system to facilitate the jumper spooling out
- RoHS-compliant; free from heavy metals and environmentally friendly

### Product Description

The InvisiLight EZ-Connect Module is provided with an integrated jumper to connect to the ONT. This jumper is available in two versions: 2 mm or 3 mm Outside Diameter with 2.5 and 1.5 meter lengths respectively. The InvisiLight tight buffer optical fiber exits on one of the four module corners. The module has an internal parking space for the inside SC connector end. The internal spool allows slack management of the tight buffer and jumper and may be locked in order to spool out by hand the desired length of jumper. The bottom layer of the spool supports up to 40 meters of InvisiLight tight buffer optical fiber.

### InvisiLight EZ-Connect Module Specifications

#### Product Characteristics

|                            |                                                                              |
|----------------------------|------------------------------------------------------------------------------|
| Connector Type             | SC connector on inside and outside end                                       |
| Polishing Type             | APC                                                                          |
| Fiber Type                 | BLI-A/B - G.657.B3                                                           |
| Bottom Layer (max. Length) | 40 meters                                                                    |
| Splice Repair              | Yes (2 splices)                                                              |
| Top Layer (max. Length)    | 5 meters of tight buffer fiber2.5 meters of 2 mm cord1.5 meters of 3 mm cord |
| Module Dimensions          | 3.45" X 3.13" X 1.41"87.68 X 79.56 X 35.74 mm                                |
| Material                   | Plastic, UL94V-0                                                             |
| Color                      | White                                                                        |
| Operating Temperature      | -40 to +85 °C                                                                |
| Storage Temperature        | -40 to +85 °C                                                                |

#### Optical Characteristics

|                |                    |
|----------------|--------------------|
| Insertion Loss | ≤0.30 dB – maximum |
| Return Loss    | ≥60 dB             |

### Ordering Information

| Comcode   | Product Code                                | Description                                                                                                                                                           |
|-----------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 301141818 | NVSLGHTD-D-SCASCA-1-NAM-KIT<br>900-5.0M/40M | EZ-Connect module with 5.0 meters of 900 µm fiber on the top layer and 40 meters of 900 µm fiber on the bottom layer; pre connectorized both ends with SCA connectors |
| 301141826 | NVSLGHTD-D-SCASCA-1-NAM-KIT<br>2MM-2.5M/40M | EZ-Connect module with 2.5 meters of 2.0 mm fiber on the top layer and 40 meters of 900 µm fiber on the bottom layer; pre connectorized both ends with SCA connectors |
| 301141834 | NVSLGHTD-D-SCASCA-1-NAM-KIT<br>3MM-1.5M/40M | EZ-Connect module with 1.5 meters of 3.0 mm fiber on the top layer and 40 meters of 900 µm fiber on the bottom layer; pre connectorized both ends with SCA connectors |

|                                 |                                                                                                                                                                                                                                                                                                          |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contact Information             | For additional information please contact your sales representative. You can also visit our website at <a href="http://www.lightera.com">www.lightera.com</a> or call 1-888-FIBERHELP (1-888-342-3743) USA or 1-770-798-5555 outside the USA. For a full list of our certifications, visit our website.  |
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