**PRO-2X1XLC8XLCPLC1MSM**

1m LC (Male) to 8xLC (Male) Yellow Duplex SMF Fiber Colorless Splitter -40 to 85C

**Features**

- 2 1x8 PLC Splitter
- LC/UPC Connector
- Single-Mode Fiber
- 1M Length
- Operating Wavelength: 1260nm to 1650nm
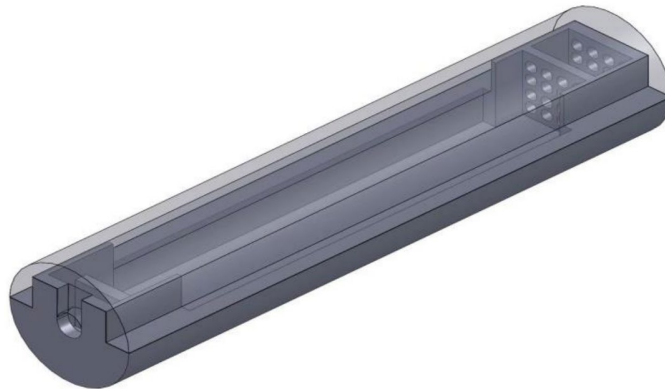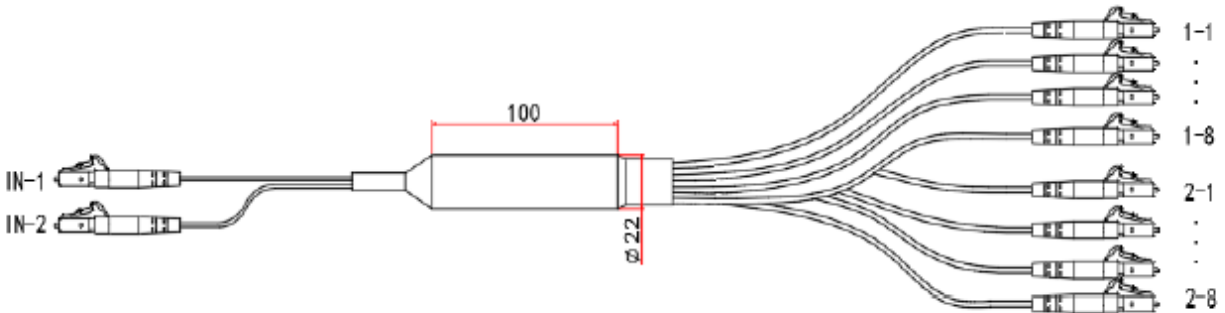- Industrial Temperature: -40C to 85C

**Product Description**

This is a dual colorless splitter for coherent optical applications. This duplex assembly combines and splits optical signals from coherent transceivers through a pluggable EDFA module. The colorless splitter has 1m single-mode fibers with duplex LC connectors on each leg. Our colorless splitters are 100% compliant for all of your networking needs. Our products are guaranteed by federal law to not affect or void OEM warranties.

## Specifications

| Parameter | Specification | Unit |
|---|---|---|
| Storage Temperature | -40 to 85 | °C |
| Operating Temperature | -40 to 85 | °C |
| Fiber Length (Includes Connector) | 1.0 ± 0.05 | m |
| Fiber Type | G657.A1 Fiber w/2.0mm Cable (Yellow) | |
| Package Size | Φ22x100 | mm |
| Connector Type | LC/UPC | |
| Operating Wavelength | 1260~1650 | nm |
| Insertion Loss | ≤10.5 | dB |
| Uniformity | ≤0.8 | dB |
| Polarization-Dependent Loss | ≤0.2 | |
| Return Loss | ≥50 | dB |
| Directivity | ≥50 | dB |

## Mechanical Specifications





## Notes:

1. φ22x100mm.

**About Us:**

Proline Options is one of North America's leading providers of transceivers and high speed cabling. With a reputation for quality, tested products that cover the connectivity spectrum, Proline Options has a solution for you regardless of the specification.

At Proline Options, every product is tested in its intended application - never batch or spec tested only. We run bandwidth, distance and IOS network tests. We have documented an impressive 0.03% failure rate over the last 10 years. To continue this rate of success we invest millions annually in our own on-site testing lab.

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