

**LP-FLSCS1621 FusionLess® EasyFit Connector, SC, Singlemode,  
APC Polish, ITU-T G.652.D Type B1.3 9/125µm, Fiber cable size 2x3 and 1.6x2 mm GPON**

LPFLSCS1621\_SS\_ENB01W

### Features

- Low insertion loss mechanical connector, equivalent to fusion technology.
- Reusable, a unique feature not found in similar designs.
- Fast installation in less than 2 minutes per point.
- Special tools needed are a fraction of the cost of those needed in fusion technology.
- No epoxy.
- No polishing.
- Pre-assembled.
- All tools available from LanPro.
- Excellent performance versus price ratio.
- 15 years life in operation.
- Made in Japan under strict quality procedures.

**FusionLess®**

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The FusionLess® Optical Mechanical Connector by LanPro is a pre-polished, pre-assembled mechanical connector.

In place of epoxy, an internal mechanical grip gently but effectively holds the fiber in place and can be installed in under two minutes. Without polishing or adhesives, the FusionLess® Optical Connector makes installations quick and easy, eliminating the need for epoxy curing and hand polishing at the work site.

The FusionLess® Optical Mechanical Connector comes with an assembling jig and fiber holder, making for an accurate alignment and fiber cleave when terminating the connector.

**A Applicable Fiber:**

- SM fiber compliant with ITU-T G.652.D.
- Allowable inner fiber diameter: .250+/- .15mm.
- Allowable cable 2.0 x 3.0mm and 1.6 x 2.0mm rectangular drop cable.

**B Intermateability:**

- SC as per IEC 61754-4.
- Finished (polishing): APC

**C Mechanical Strength:**

- 5kg-f Straight pulling resistance for at least 2 minutes without physical and functional damage.

**D Operation temperature:**

- Operation temperature depends on temperature range of fiber (Maximum range is -40 °C a 75 °C).

**E Optical Characteristics:**

LanPro SC Connector exhibit the following characteristics:

Insertion Loss	Return Loss
≤ 0.75 dB, Typical 0.30 dB	for APC, Typical -60 dB

**Nota:** These Insertion loss and Return Loss values are including Mechanical Splice to Built-in-fiber, and Connection portion while measured with master reference cable and assembled with LanPro approved tools and process. Operation temperature 23 +/- 5 °C.

**F How to order:**

**LP-FLSCS1621 FusionLess® EasyFit Connector, SC, Singlemode, APC Polish, ITU-T G.652.D Type B1.3 9/125µm, Fiber cable size 2x3 and 1.6x2 mm GPON, Green Housing, White boot.**