

LP-FLSCS17212 - FusionLess® 2 Universal Connector, SC, Singlemode, APC Polish, ITU-T G.652.D 9/125µm, Fiber cable diameter 2x3mm, 1.6x2mm and round cable, Green Housing

LPFLSCS17212_SS_ENB01W

Features

- Quick and easy fiber termination.
- Available to re-use.
- High success rate of connection.
- Superior optical characteristic value.
- Simple assembly process.
- No failure after opening.

Applications

- Fiber Optic Telecommunication.
- Fiber Distribution Frame.
- FTTH Outlets.
- Optical Cable Interconnection.
- Cable Television.



The universal type requires a protective tube as a separate option.

**LP-FLSCS17212
FusionLess® 2 Universal Connector, SC,
Singlemode, APC Polish, ITU-T G.652.D
Type B1.3 9/125µm, Fiber cable diameter
2x3mm, 1.6x2mm and round cable,
Green Housing**

The FusionLess® 2 Optical Mechanical Connectors by LanPro is the most widely used fiber optic connector in FTTx that does not need epoxy or polishing.

It enables fast and on-site installation of 250/900µm, 2.0mm, 3.0mm, 1.6 x 2.0mm and 2.0 x 3.0mm cable type connectors even when the user has no access to power. Two or three pieces of the preassembled and factory terminated connectors can be installed within 2 minutes using simple tools and can be recycled several times.

It accommodates a reliable and durable optical network especially suitable for advanced fiber optic systems requiring exceptional stability and low loss.

This connector pass all test under Telcordia GR326

A Connector Construction:

Fiber type:

- **SM:** Standard Singlemode fiber type

Ferrule Polishing type:

- **APC type:** Angled Physical Contact type

Connector type for using cable type:

- 3.0mm (Round) type
- 2.0mm (Round) type
- 2.0mm X 3.0mm (Flat) type
- 1.6mm X 2.0mm (Flat) type
- 250µm&900µm (Round) type

B Product Specifications:

Item	Specification
Standard	TIA/EIA 604-3, IEC 61754-4, RoHS
Insertion Loss	Typ. 0.3dB / Max. 0.5dB
Return Loss	>55dB (APC)
Endurance	Up to 5 times reconnection / ≤0.2dB
Tension	(3.0mm, 2.0mm x 3.0mm) 4.0kg / ≤0.2 dB change (2.0mm, 1.6mm x 2.0mm) 2.0kg / ≤0.2 dB change (250µm&900µm) 0.75kg / ≤0.2 dB change
Temperature Change	21 time / -40°C ~ 85°C / ≤ 0.2 change

End Face Geometry	PC Type	APC Type
Radius of Curvature (nm)	7~25	5~12
Apex Offset (um)	Less than 50	Less than 50
Fiber Height (nm)	±50	±50
Tilt Error on APC 8'	None	±0.2

C How to Order:**LP-FLSCS17212**

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