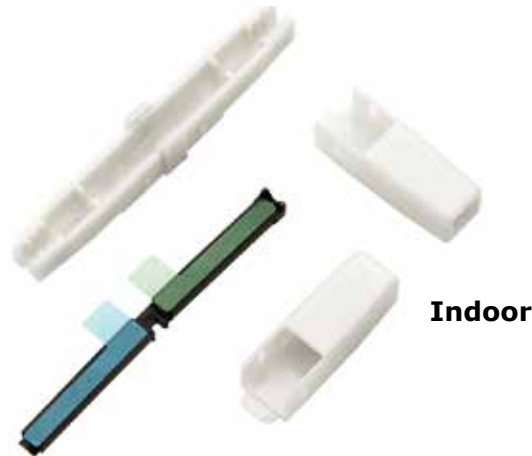


LP-FIF2X0X In-Fusion® Drop Cable Indoor/Outdoor Field Fusion-splicing

LPFIF2X0X_PFD_ENB01W

Features

- FTTH Drop Cable maintenance and Repairing Solution.
- Drop cable splice closure.
- Simple protection using wing type sleeves.
- Lower Insertion Loss and Return Loss.
- Tensile Force:
Indoor 30N/Outdoor 100N.



Indoor



Outdoor



LP-FIF2X0X In-Fusion® Drop Cable Indoor/Outdoor Field Fusion-splicing

LanPro's In-Fusion® with factory pre-polished ferrule, utilizes fusion splicer to terminate the connector in the field. This eliminates polishing, adhesives and crimping in the field, which minimizes the potential for operator error and expensive connector scrap. Fusion splice addresses return loss concerns present in analog optical networks. The innovative design and simplified field installation makes the In-Fusion® the ideal choice for various fiber termination and FTTX applications.

A Summary:

Mostly, the benefits of fusion splicing over mechanical splicing are improved reflectance performance, and lower loss, which is why many Community Access Television (CATV) and telecommunication companies choose to use it for their long haul networks.

However, these same companies may use a combination of both methods in their local cable runs, with fusion splicing being applied in networks in remote locations, critical applications, very high speed segments, radio towers and others that call for minimal reflection. Mechanical splicing is often the preferred choice when a signal loss is not such a significant concern - something that can be said for some of LAN applications.

It would seem that if initial cost was not a consideration, the fusion method is far superior regarding performance, protection and per splice expense, so there's not much of a debate to be had about which is best. Fusion is the best. Period.

However, when a minor signal loss isn't a big issue, then mechanical splicing is a viable option - so long as the amount of connections being created isn't excessively high, making the per splice cost prohibitive. LanPro's **In-Fusion®** system offers the benefits of fusion splice without a visible external splice neither the need for special enclosures at very modest cost per connection.

B Specification:

Cable Type	900um, 2mm, 3mm, 3mm round, 2X3mm rectangular
Insertion Loss	< 0.1 dB
Return Loss	> 60 dB
Dimension	51.8(W) X 8.5(L) X 7.7(H) mm (Indoor)
	98.6(W) X 26.5(L) X 12.3(H) mm (Outdoor)
Operating Temperature	-40°C to 75°C
Core	Single/Dual core

C How to order:

LP-FIFCCCMMJPBC

LP-FIF	CCC	MM	
In-Fusion® Field Fusion-splicing connector	Connector type 200: Drop Cable Indoor use 250: Drop Cable Outdoor use	Fiber Mode and type DD: Drop Cable Indoor DE: Drop Cable Outdoor	
J	P	B	C
Jacket Type 0: Drop Cable Indoor/Outdoor	Color Housing 0: Drop Cable Indoor/Outdoor	Boot Color 0: Drop Cable Indoor/Outdoor	Core 1: Single core 2: Dual Core

Examples:

LP-FIF200DD0001	In-Fusion® Fusion-spliced Connector, Drop Cable Indoor use, Single core
LP-FIF250DE0001	In-Fusion® Fusion-spliced Connector, Drop Cable Outdoor use, Single core