LPT-FIFCMX000
In-Fusion® FTTH Field Fusion-splicing No-Heating Connector Maker Tool

LPTFIFCMX000_PFD_ENB01W

Features:

- Process Drop Cable Termination Faster and easier.
- No sleeve heating process required.
- Micro 5pin port charging.
- Portable compact size.
- Easy Installation constrained space.
- Fast Splicing Time.

LPT-FIFCM1000

LPT-FIFCM2000

LPT-FIFCMX000
In-Fusion® FTTH Field Fusion-splicing No-Heating Connector Maker Tool

LanPro's **In-Fusion®** FTTH Field Fusion-splicing connector Maker is a long-used tool in outside plant fiber-optic installation, and in recent years has been more commonly used in indoor environments as well. In addition to being used on pigtails, fusion splicers are now commonly used to join optical fibers to splice-on connectors.

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:

ITEM	SPECIFICATION	
	SINGLE CORE	DUAL CORE
Applicable Fiber	SingleMode, MultiMode	
Jacket Type	900um, 2mm, 3mm, 3mm redondo, 2X3mm rectangular	2X3mm Dual Core
Fiber Cleaver Length	9 ~ 10 mm	10 mm
Typical Average Splice Loss	0.1 dB o less	0.2 dB o less
Splicing Time	10 seg	12 seg
Viewing Method	1 axis CMOS camera	
Protection Method of Fusion-Spliced Point	Wing-adhesive protection	Wing-adhesive protection, Heating sleeve (optional)
Splicing Cycle of Battery	200 Cycles with internal battery, Chargeable by portable power bank	
Dimension / Weight	110(W) X 115(L) X 60(H) mm / 0.65 Kg	
Power Supply	Installed battery by Micro 5 pin USB port (Phone charger)	
Electrode Life	3,000 splices	

C How to order:

LPT-FIFCM1000	**In-Fusion®** FTTH Field Fusion-splicing No-Heating Connector Maker Tool, Single core
LPT-FIFCM2000	**In-Fusion®** FTTH Field Fusion-splicing No-Heating Connector Maker Tool, Single core