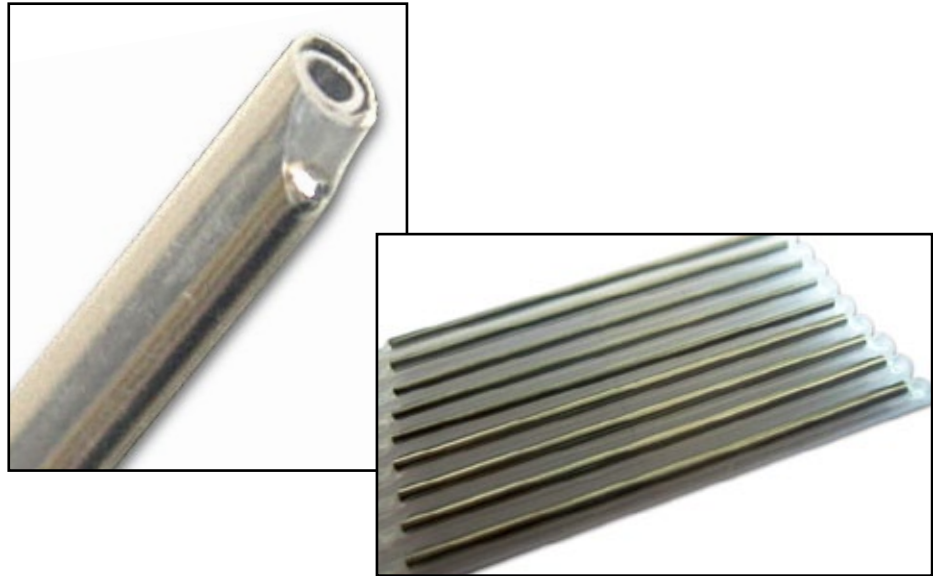


LP-F35XX Heat-shrinkable Single Fiber Fusion Splice Protection Sleeves

LPF35XX_PFD_ENB01W

Features:

- For one fiber.
- Heat-shrinkable.
- Diameters from 1.0 to 3.7 mm.
- Lengths from 25 to 60 mm.
- Clear color standard, colored for production batch.
- For fiber diameters of 250 μm / 900 μm .
- With strength members of stainless steel, fibre-reinforced plastic (FRP) or flexible types.
- Tapered or not tapered ends.
- Bags with 25/50 or 100 pieces.



LP-F35XX Heat-shrinkable Single Fiber Fusion Splice Protection Sleeves

The LP-F35XX family of Heat-shrinkable Single Fiber Fusion Splice Protection Sleeves is part of the fiber optic system solutions by LanPro for today's structured fiber optic cabling systems.

Heat-shrinkable splice protection is the most popular way to protect fusion splices. Coated fibers of 250 or 900 μm diameter are securely protected once they are stripped from the protection of their buffer and fused to make the splice.

In order to use the LP-F35XX, the technician must slide it on the fiber before making the splice. Once the fusion takes place, the sleeve should be slid so the splice is located in the middle of the LP-F35XX and then it must be placed on the heat-shrink oven. The oven heating time should be selected, depending on the type of sleeve. Once done, the LP-F35XX should be placed in its location on the tray in the order selected.

LanPro is able to provide several sizes of Heat-shrinkable Single Fiber Fusion Splice Protection Sleeves, from micro sized diameter of 1.0 mm to 3.7 mm and lengths from 25 mm to 60 mm.

With strength members of stainless steel, fibre-reinforced plastic (FRP) or flexible types.

A Specifications:

Model LP-F35XX Heat-shrinkable Single Fiber Fusion Splice Protection Sleeves	
Dimensiones	
Lengths:	25 mm, 40 mm, 45 mm or 60 mm
Diameter after shrinkage:	0: 1.0 mm for 250 μm 1: 1.2 mm for 250 μm 2: Micro 1.3 mm for 250 μm 3: 1.5 mm for 250 μm 4: Mini 1.6 mm for 250 μm 5: Midi 1.9 mm for 900 or 250 μm 6: Standard 2.1 mm for 900 or 250 μm 7: N/A 8: Standard 2.4 mm for 900 or 250 μm 9: US 2.6 mm for 900 or 250 μm A: US Large 2.9 mm Large for 900 or 250 μm B: Large 3.0 mm for 900 or 250 μm C: Large 3.2 mm for 900 or 250 μm D: Extra Large 3.7 mm for 900 or 250 μm
Bare fiber diameter	250 μm or 900 μm
Style and Strength member	0: Steel Single Strength member 1: Tapered Steel Single Strength member 2: FRP Single Strength member 3: Tapered FRP Single Strength member 4: Ceramic (Dielectric) Single Strength member (LP-F36XX & LP-F37XX only) 5: Ceramic (Dielectric) Dual Strength Member (LP-F36XX & LP-F37XX only) 6: Tapered Ceramic Single Strength member (LP-F36XX & LP-F37XX only) 7: Tapered Ceramic Dual Strength Member (LP-F36XX & LP-F37XX only) 8: Pin Less flexible
Materials	
Inner material	Hot-melt adhesive Ethylene Vinyl Acetate (EVA)
Outer material	Irradiation cross-linked Polyolefin heat shrinkable tubing
Reinforcing pin	Deburred and polished Stainless steel, FRP or none
Technical Specifications	
Shrinking Temperature (°C)	110 ~ 130
Radial Shrinking Rate (%)	>50
Axial Shrinking Rate (%)	<10
Low Temperature Property	No cracks at -55 °C lasting 4 hours
Normal Operation Temperature (°C)	-55 °C ~ + 135 °C
Storage Temperature	-55 °C ~ + 135 °C
Normal Operation Relative Humidity	≤95%
Spark-over Strength (kV/mm)	≥20
Tensile Strength (Mpa)	20

Loss at -40 °C	0.03 dB
Loss at +60 °C RH95 %	0.02 dB
Colors	<ul style="list-style-type: none"> 0 = Clear ✓ 1 = black ● 2 = brown ● 3 = red ● 4 = orange ● 5 = yellow ● 6 = green ● 7 = blue ● 8 = purple ● 9 = grey ● A = white ● B = pink ● C = turquoise ● <p>✓ Clear is our standard stock range ● Production only</p>
Standard packages	0: 25 Pieces 1: 50 Pieces 2: 100 Pieces
Recommended Installation guidelines	An oven setting of 120°C for a time of 30 seconds (depending on oven type used and the length of the splice) is recommended. Allow at least an additional 30 seconds cooling time before inserting into the splice tray to allow the meltable adhesive to set.

IMPORTANT NOTE:

All information is believed to be correct at time of publication and we reserve the right to make changes without prior notice. All dimensions nominal.

The “Supplied Internal Diameter” refers to the internal diameter of the EVA inner tube through which the fiber is installed.

The “Sleeve Diameter after Shrinkage” refers to the final outside diameter of the heat shrinkable outer of the sleeve after shrinkage.

The internal EVA, external heat shrink tubing and reinforcing pin are the same length with flush ends for non tapered types. Tapered types leave 2 to 3 mm at each end for shrinking of the external layer to hold the pin.

B How to Order:

Single Fiber Fusion Splice Protection Sleeves Code

LP-F35LDCN																												
L: Body length	D: Diameter after shrinkage																											
1: 25 mm 2: 40 mm 3: 45 mm 4: 60 mm	0: 1.0 mm for 250 μm 1: 1.2 mm for 250 μm 2: Micro 1.3 mm for 250μm 3: 1.5 mm for 250 μm 4: Mini 1.6 mm for 250 μm 5: Midi 1.9 mm for 900 or 250 μm 6: Standard 2.1 mm for 900 or 250 μm 7: Standard 2.4 mm for 900 or 250 μm 8: US 2.6 mm for 900 or 250 μm 9: US Large 2.9 mm Large for 900 or 250 μm A: Large 3.0 mm for 900 or 250 μm B: Large 3.2 mm for 900 or 250 μm C: Extra Large 3.7 mm for 900 or 250 μm																											
X: Style and Strength member	C: Color	N: Package Qty																										
0: Steel Single Strength member 1: Tapered ends Steel Single Strength member 2: FRP Single Strength member 3: Tapered ends FRP Single Strength member 4: Ceramic (Dielectric) Single Strength member 5: Ceramic (Dielectric) Dual Strength Member 6: Tappered ends Ceramic Single Strength member 7: Tappered ends Ceramic Dual Strength Member 8: Pin Less Flexible	<table border="0"> <tr><td></td><td>0 = Clear ✓</td></tr> <tr><td></td><td>1 = black ●</td></tr> <tr><td></td><td>2 = brown ●</td></tr> <tr><td></td><td>3 = red ●</td></tr> <tr><td></td><td>4 = orange ●</td></tr> <tr><td></td><td>5 = yellow ●</td></tr> <tr><td></td><td>6 = green ●</td></tr> <tr><td></td><td>7 = blue ●</td></tr> <tr><td></td><td>8 = purple ●</td></tr> <tr><td></td><td>9 = grey ●</td></tr> <tr><td></td><td>A = white ●</td></tr> <tr><td></td><td>B = pink ●</td></tr> <tr><td></td><td>C = turquoise ●</td></tr> </table> <p>✓ Stock ● Batch Production</p>		0 = Clear ✓		1 = black ●		2 = brown ●		3 = red ●		4 = orange ●		5 = yellow ●		6 = green ●		7 = blue ●		8 = purple ●		9 = grey ●		A = white ●		B = pink ●		C = turquoise ●	0: 25 pieces 1: 50 pieces 2: 100 pieces
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Example:

LP-F3520101	Single Fiber Fusion Splice Protection Sleeve, 40 mm length, 1 mm diameter, tapered ends, Steel Single Strength Member, Clear Color, 50 per Package.
LP-F3541101	Single Fiber Fusion Splice Protection Sleeve, 60 mm length, 1.2 mm diameter, tapered ends, Steel Single Strength Member, Clear Color, 50 per Package.
LP-F3532101	Single Fiber Fusion Splice Protection Sleeve, 45 mm length, 1.5 mm diameter, tapered ends, Steel Single Strength Member, Clear Color, 50 per Package.
LP-F3542101	Single Fiber Fusion Splice Protection Sleeve, 60 mm length 1.5 mm diameter, tapered ends, Steel Single Strength Member, Clear Color, 50 per Package.