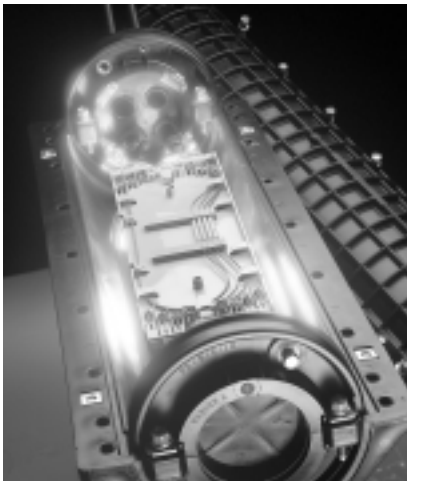
The LightLinker™ System

The LightLinker system is a full series of splice closures and trays used for housing, organizing and protecting single or mass fusion fiber splices. Completely modular in design, the system offers total flexibility to meet the evolving requirements of worldwide fiber optic networks.

A full range of closure sizes, diameters from 76 - 241 mm (3- 9-1/2") in combination with lengths up to 914 mm (36"), gives systems designers multiple options when considering splice location options. And while smaller size closure would normally be considered optimal, larger LightLinker closures can be used in many cases to provide extra storage space for ribbon or buffer tubed fiber.

LightLinker closures may be used with all types of fiber optic cable and for cut, uncut and taut sheath applications.



Ordering Information for LL2 Series: Models 4, 5, 7, 8, 9 and 12

Product Number	Descriptions/ Dimensions mm (in.)	Max. Tray Stacked/ Hinged	Quantity in Standard Package	Min. Order/ Ordering Multiple	Weight per Min. Order kg (lbs.)	UPC 051138-
LL2 LightLinker™ Fiber Closures Universal Inline and Butt (LL-FOT001 trays are not included) Models 4 and 5.						
LL2-418	Fiber Closure/Butt or 2 x 2 Cables	4/4	1 pkg.	1	6.3 (14.0)	78827
LL2-518	Fiber Closure/Butt or 2 x 2 Cables	6/4	1 pkg.	1	6.3 (14.0)	78829
LL2 LightLinker Fiber Closures Butt only with Slack Tray For in-line applications, purchase one (1) LBI 10K conversion kit. (LL-FST2000 trays are not included) Models 7, 8 and 9.						
LL2-718	Fiber Closure/Butt x 4 Cables	8/8	1	1	9.07 (20)	78827
LL2-727	Fiber Closure/Butt x 4 Cables	8/8	1	1	10.9 (24)	78543
LL2-736	Fiber Closure/Butt x 4 Cables	8/8	1	1	12.7 (28)	78805
LL2-744	Fiber Closure/Butt x 4 Cables	8/8	1	1	14.5 (32)	78806
LL2-827	Fiber Closure/Butt x 4 Cables	8/8	1	1	12.0 (26.5)	78541
LL2-836	Fiber Closure/Butt x 4 Cables	8/8	1	1	14.5 (32)	78542
LL2-844	Fiber Closure/Butt x 4 Cables	10/8	1	1	17.0 (37.5)	78807
LL2-927	Fiber Closure/Butt x 4 Cables	10/8	1	1	14.1 (31)	78539
LL2-936	Fiber Closure/Butt x 4 Cables	10/8	1	1	16.3 (36)	78540
LL2-944	Fiber Closure/Butt x 4 Cables	12/8	1	1	19.0 (42)	78808
LL2-1227	Fiber Closure/Butt x 4 Cables	24/8	1	1	18.6 (41)	88454
LL2-1236	Fiber Closure/Butt x 4 Cables	46/8	1	1	21.8 (48)	88473
LL4 LightLinker Fiber Closures Fire Retardant-Butt only with Slack Tray						
LL4-718	Fiber Closure/Butt x 4	8/8	1	1	10.0 (22)	78836
LL4-727	Fiber Closure/Butt x 4	8/8	1	1	13.6 (30)	78809
LL4-736	Fiber Closure/Butt x 4	8/8	1	1	17.7 (39)	78810
LL4-744	Fiber Closure/Butt x 4	8/8	1	1	21.3 (47)	78811
LL4-827	Fiber Closure/Butt x 4	8/8	1	1	14.5 (32)	78812
LL4-836	Fiber Closure/Butt x 4	8/8	1	1	18.6 (41)	78813
LL4-844	Fiber Closure/Butt x 4	10/8	1	1	22.2 (49)	78814
LL4-927	Fiber Closure/Butt x 4	10/8	1	1	17.7 (39)	78815
LL4-936	Fiber Closure/Butt x 4	10/8	1	1	21.7 (48)	78816
LL4-944	Fiber Closure/Butt x 4	12/8	1	1	24.5 (55)	78817

Ordering Information for LL“Z” Series

Product Number	Descriptions/ Dimensions mm (in.)	Max. Tray Stacked/ Hinged	Quantity in Standard Package	Min. Order/ Ordering Multiple	Weight per Min. Order kg (lbs.)	UPC 051138-
LL“Z” LightLinker™ Fiber Closures Universal Inline and Butt (LL-FOT001 trays are not included)						
LLZ-416	Fiber Closure/Butt or 2 x 2 Cables	4/4	1	1	2.7 (6.0)	78818
LLZ-416-FR	Fiber Closure/Butt or 2 x 2 Cables/Fire Retardant	4/4	1	1	3.1 (7.0)	78839

Ordering Information for Conversion Kits and Trays

Product Number	Descriptions/ Dimensions mm (in.)	Quantity in Standard Package	Min. Order/ Ordering Multiple	Weight per Min. Order kg (lbs.)	UPC 051138-
Conversion Kits Converts standard 2-Type closures to LightLinker Fiber Optic Closure.					
L-CLK10	Conversion kits for LightLinker	1 kit	1	2.4 (5.3) [87032575]	78339
L-CLK11	Conversion kits for LightLinker	1 kit	1	2.5 (5.5) [87032576]	78341
L-CLK12	Conversion kits for LightLinker	1 kit	1	2.9 (6.5) [87032577]	78344
FF-FST 2000 Tray Kits/Hinged					
LL-FST2000-U	Universal (Loose or Ribbon)	10	1 pkg.	1.8 (3.9)	78556
LL-FST2000-L	Loose Tube	10	1 pkg.	1.8 (3.9)	78774
LL-FST2000-R	Ribbon	10	1 pkg.	1.8 (3.9)	78775
FOT001 Trays/Stacked					
LL-FOT001	Single Fusion 12-Fiber mini tray	4	1	0.5 (1.1)	78830
FOT001 Trays/Hinged					
LL-FOT001H	Single Fusion 12-Fiber mini tray	4	1	0.5 (1.1)	78585

Ordering Information for LL2, LL4 and LL“Z” Accessories

Product Number	Descriptions/ Dimensions mm (in.)	Quantity in Standard Package	Min. Order/ Ordering Multiple	Weight per Min. Order kg (lbs.)	UPC 051138-
LARS-M25	Anti-rotate stops	25	1 pkg.	0.9 (2.0)	77818
L2D28EK	Endplate LL2-228.6 (9) 8-cable	1	1 pkg. [410981047]	4.3 (9.5)	77568
L2D48EK	Endplate LL2-228.6 (9) 8-cable-fire retardant	1	1 pkg.	4.3 (9.5)	77572
LBI10K	Fiber adapter in-line kit	1	1 pkg. [413981044]	1.8 (4.0)	77586
LCA10K	Fiber add-cable kit	1	1 pkg. [412981045]	1.4 (3.2)	77587
LKWSP04-100	Spool: endplate adapt for fiber cables 4-HO	1	1 pkg.	0.9 (2.0)	78823
LKWSP04-100-FR	Spool: endplate adapt for fiber cables - 4100, fire retardant	1	1 pkg.	0.9 (2.0)	78832
LRE10K	Fiber reentry kit	1	1 pkg. [411981046]	0.7 (1.5)	77588
LHTM4K	Hinged kit 4-tray	1	1 pkg.	0.5 (1.0)	78819
LHTM8K	Hinged kit 8-tray	1	1 pkg.	0.5 (1.0)	78545
LFPS-M25	Plugging spools: fiber cables	25	1 pkg.	0.9 (2.0)	78820
LKX-M10	Plugging spools: KX endplate	10	1 pkg.	0.7 (1.5)	78821
LSRK10	Sheath retension for 8-fiber cables	8	1 pkg.	0.7 (1.5)	78822
LVST-M25	Straps: velcro tray locking	25	1 pkg.	0.5 (1.0)	78824
LNPT-M10	Tape: neoprene 3048.0 (120)	10	1 pkg.	2.7 (6.0)	78825
LRTF96-M10	Tape: RTF 2438.4 (96)	10	1 pkg.	1.8 (4.0)	78842

Ordering Information for Accessories/Replacement Parts for LightLinker® Fiber Optic Closures

Product Number	Descriptions/ Dimensions mm (in.)	Quantity in Standard Package	Min. Order/ Ordering Multiple	Weight per Min. Order kg (lbs.)	UPC 051138-
Aerial Hanger Kits For supporting closure assembly to strand wire in aerial applications.					
AH20K	Aerial Hanger Kit	2	20 kits	3.2 (7)	78418
AOH40K	Aerial Offset Hanger Kit	2	10 kits	6.3 (14.0)	78421
Back Cover Clip Kit For supporting backing cover to endplates during splicing. Also keeps endplates parallel and properly spaced.					
BCC10K	A, B, C, D, E and Z Covers	2	20 kits	0.9 (2)	77704
Bolts For replacing lost or damaged bolts in endplates and covers.					
SB1875K	7.9 x 47.6 (5/16 x 1-7/8) - Short	25	4 pkgs.	2.7 (6)	78094
SB2375K	7.9 x 60.3 (5/16 x 2-3/8) - Long	25	4 pkgs.	3.2 (7)	78095

Ordering Information for Accessories/Replacement Parts for LightLinker® Fiber Optic Closures

Product Number	Descriptions/ Dimensions mm (in.)	Quantity in Standard Package	Min. Order/ Ordering Multiple	Weight per Min. Order kg (lbs.)	UPC 051138-
Channel Bars For replacing lost or damaged channel bars in LightLinker. T = Threaded, U = Unthreaded.					
CTB9K	2-LightLinker - T 470 (18.5)	6	1 kit	2.3 (5)	78655
CTB10K	2-LightLinker - T 699 (27.5)	6	1 kit	2.3 (5)	77753
CTB11K	2-LightLinker - T 914 (36.0)	6	1 kit	3.2 (7)	77756
CTB12K	2-LightLinker - T 1130 (44.5)	6	1 kit	4.1 (9)	77759
CUB9K	2-LightLinker - U 470 (18.5)	6	1 kit	2.3 (5)	78655
CUB10K	2-LightLinker - U 699 (27.5)	6	1 kit	2.3 (5)	78656
CUB11K	2-LightLinker - U 914 (36.0)	6	1 kit	3.2 (7)	77765
CUB12K	2-LightLinker - U 1130 (44.5)	6	1 kit	4.1 (9)	78658
Channel Bar Inserts for 2-Type Closure For replacing lost or damaged channel bar inserts.					
CBN10K	Channel Bars Threaded Inserts	25	4 pkgs.	1.4 (3)	77728
CBW10K	Channel Bars Unthreaded Inserts	25	4 pkgs.	1.4 (3)	77735
Endplate Inserts For replacing lost or damaged endplate inserts.					
SNI300K	Threaded Endplate Inserts	25	4 pkgs.	1.8 (4)	78112
SWI300K	Unthreaded Endplate Inserts	25	4 pkgs.	1.8 (4)	78120
Jacking Plates For replacing lost or damaged jacking plates.					
CIT68K	Threaded Jacking Plate	25	4 pkgs.	1.4 (3)	77738
CIU68K	Unthreaded Jacking Plates	25	4 pkgs.	1.4 (3)	77739
Pressure Valve For replacing lost or damaged pressure valves.					
FVA11K	Pressure Valve Assembly	10	10 pkgs.	2.3 (5)	77801
RC Reenterable Sealing Cord For sealing the groove along the length of cover halves. AA Length Cover = 1 roll RC 45; A Length Cover = 1 roll RC62; B and C Length Covers = 1 roll RC96, Z-Closure - 1 roll RC36					
RC36-8	–	1	96 rolls	8.6 (19)	77604
RC45-8	–	1	96 rolls	10 (21)	78044
RC62-8	–	1	96 rolls	13 (29)	78045
RC96-8	–	1	96 rolls	21 (46)	78050
RTE Reenterable Sealing Tape For sealing cover halves and endplates. 2Y2, 2X2 & 2A2 series = 1 roll RTE36 required for 2 each endplates; 2B2 series = 1 roll RTE46 required for 2 each endplates. 2C2 & 2D2 series = 1 roll RTE62 required for 2 each endplates; 2E2 series = 2 rolls RTE 46 required for 2 each endplates.					
RTE36-8	–	1	108 rolls	20 (43)	78071
RTE46-8	–	1	108 rolls	26 (58)	78073
RTE62-8	–	1	108 rolls	17 (38)	78075
Solvent Cleaning Wipes and Plastic Gloves For preparing plastic closure halves, endplates and cables before applying sealing tapes.					
CSSC20-M100	Solvent Cleaning Wipes and Plastic Gloves	100	1 pkg.	2.3 (5)	77749