

Multilink's Family of Wall Mount Enclosures



The Multilink family of wall mounted optical termination enclosures are designed to provide solutions for both the interconnection of patch cabling and a combination of patching and splicing. The family accommodates from a single termination panel up to 16 termination panels. Depending on the type of optical termination panel used, enclosures can support up to 192 terminations. The family of enclosures is separated into several application specific groups to support the level of termination capacity and feature sets required for the enclosures mount location.

Features & Benefits

- Durable Steel or Aluminum with a polyester powder coat finish in either standard Black or Off White.
- Several units are designed with additional means of security but maintaining ease in access for craft personnel.
- Individual compartments for separation of network and distribution terminations.
- Wide range of sizes and feature sets to accommodate specific application requirements.
- Easy to install, load, and maintain.
- Available with loaded termination panels and pre-connectorized pigtails.
- Durable construction.

Order From:



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Standard Single Outer Door Fiber Distribution Units

Multilink wall mount enclosures are designed to provide connectivity and distribution solutions. Enclosures are divided into several groups to meet application specific requirements such as Construction Grade, Single Door, Dual Door, Added Security, NEMA 4 and NEMA 12. Products with your customized logo are available for OEM or other applications. Units are available in standard Black or Off White unless specified.

MultiLite Construction Grade Fiber Distribution Units



WM-2X

26

Stock ID	10-7944 Black Only
Description	Wall mount single outer door construction grade distribution unit with 2 termination panel capacity
Dimensions	9.25" H x 13" W x 3.5" D
Box Weight	7 lbs.
Material	18 GA Powder Coated Steel
Capacity	(2) Panels
Splice Tray	(2) 1120-SSTA



WM-4X

27

Stock ID	10-7945 Black Only
Description	Wall mount single outer door construction grade distribution unit with 4 termination panel capacity
Dimensions	11.5" H x 13" W x 3.5" D
Box Weight	8 lbs.
Material	18 GA Powder Coated Steel
Capacity	(4) Panels
Splice Tray	(4) 1120-SSTA



WM-8X

28

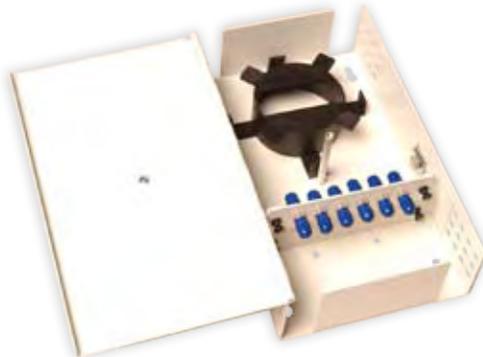
Stock ID	10-7790 Black Only
Description	Wall mount single outer door construction grade distribution unit with inner network compartment security door and 8 termination panel capacity
Dimensions	12" H x 17" W x 6" D
Box Weight	15 lbs.
Material	18 GA Powder Coated Steel
Capacity	(8) Panels
Splice Tray	(8) 1120-SSTA

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Standard Single Outer Door Fiber Distribution Units



FF-MINI-WM12 (Patch Only)

03

Stock ID	10-5818 (Black) 10-2661 (Off White)
Description	Wall mount single outer door compact distribution unit with 2 termination panel capacity
Dimensions	10" H x 6" W x 2.5" D
Box Weight	5 lbs.
Material	16 GA Powder Coated Steel
Capacity	(2) Panels
Splice Tray	(1) 1120-SSTA



FF-FOH (Splice Only)

04

Stock ID	70914K (Off White Only)
Description	Wall mount single outer door compact distribution unit with splice capacity
Dimensions	10" H x 6" W x 2.5" D
Box Weight	5 lbs.
Material	18 GA Powder Coated Steel
Splice Tray	(2) 1120-SSTA



FF-MINI-WM12PS (Patch and Splice Only)

34

Stock ID	045-166-10 (Black) 045-166-11 (Off White)
Description	Wall mount single outer door compact distribution unit with patch and splice capacity
Dimensions	10" H x 6" W x 3.6" D
Box Weight	6 lbs.
Material	16 GA Powder Coated Steel
Capacity	(2) Adapter Panels
Splice Tray	(2) 1120-SSTA

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Standard Single Outer Door Fiber Distribution Units



FWM-1X

32

Stock ID	045-164-10 / FWM-1X-BK, Black 045-164-11 / FWM-1X-OW, Off White
Description	Compact indoor wall mount enclosure for inter connectivity and termination of optical fibers
Panels	(1) Multilink Adapter Panels (see individual panel capacities)
Dimensions	6.30" H x 5.50" W x 1.57" D
Fiber Capacity	(1) Fiber Spool
Material	18 Gauge Steel
Coating	Electrostatic polyester powder coat paint, available in Black & Off White



FWM-1X-SP

33

Stock ID	045-187-10 / FWM-1X-SP-BK, Black 045-187-11 / FWM-1X-SP-OW, Off White
Description	(1) Multilink Adapter Panels (see individual panel capacities)
Panels	6.30" H x 5.50" W x 1.57" D
Dimensions	(12) Single Splice Holder
Fiber Capacity	18 Gauge Steel
Material	Electrostatic polyester powder coat paint, available in Black & Off White
Coating	



FWM012XLC

01

Stock ID	10-2012 (Black) 10-2730 (Off White)
Description	Wall mount single outer door distribution unit with inner network compartment security door and 2 termination panel capacity
Dimensions	10.2" H x 12" W x 3.5" D
Box Weight	8 lbs.
Material	18 GA Powder Coated Steel
Capacity	(2) Panels
Splice Tray	(2) 1120-SSTA



FWM024XLC

02

Stock ID	10-1914 (Black) 10-2714 (Off White)
Description	Wall mount single outer door distribution unit with inner network compartment security door and 4 termination panel capacity
Dimensions	12" H x 12" W x 3.5" D
Box Weight	9 lbs.
Material	18 GA Powder Coated Steel
Capacity	(4) Panels
Splice Tray	(4) 1120-SSTA

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Standard Dual Door Fiber Distribution Units



FWM012XPHBK

35

Stock ID	045-178-10 (Black) 045-178-11 (Off White)
Description	Compact indoor wall mount enclosure for inter connectivity and termination of optical fiber
Dimensions	10" H x 8.22" W x 3.81" D
Box Weight	- lbs.
Material	16 GA Gauge Steel
Capacity	(2) Multilink Adapter Panels
Splice Tray	(2) 1120-SSTA



FWM012XD

07

Stock ID	99009BK (Black) 99009K (Off White)
Description	Wall mount dual outer door distribution unit with captive screw fasteners on both doors and 2 termination panel capacity
Dimensions	10.2" H x 12.5" W x 3.5" D
Box Weight	8 lbs.
Material	16 GA Powder Coated Steel
Capacity	(2) Panels
Splice Tray	(2) 1120-SSTA



FWM024X

08

Stock ID	99024BK (Black) 99024K (Off White)
Description	Wall mount dual outer door distribution unit with lockable network compartment door and 4 termination panel capacity
Dimensions	10.8" H x 12" W x 4" D
Box Weight	10 lbs.
Material	16 GA Powder Coated Steel
Capacity	(4) Panels
Splice Tray	(4) 1120-SSTA



FWM054X

09

Stock ID	10-5283 (Black) 10-5281 (Off White)
Description	Wall mount dual outer door distribution unit with lockable network and distribution compartment doors and 9 termination panel capacity
Dimensions	17" H x 21.2" W x 5" D
Box Weight	23 lbs.
Material	16 GA Powder Coated Steel
Capacity	(9) Panels
Splice Tray	(3) 2000-SSTA

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Standard Dual Door Fiber Distribution Units



FWM312410

10

Stock ID	10-3800 (Off White Only)
Description	Wall mount dual outer door distribution unit with lockable network compartment door and 16 termination panel capacity
Dimensions	31" H x 24" W x 10" D
Box Weight	24 lbs.
Material	.063 Aluminum powder coated
Capacity	(16) Panels
Splice Tray	(8) 2000-SSTA



FWE288XH (Splice tray not included)

Stock ID	045-063-10 (Black Only)
Description	Economy 288 port wall mount unit, double door
Dimensions	17" H x 21.2" W x 5" D
Box Weight	23 LBS.
Material	16 Gauge Steel
Capacity	12 splice trays/fusion or mechanical
Splice Tray	(12) 1120-SSTA (12) 2000-SSTA (12) 2020-SSTP

FIBER MANAGEMENT

Optical Splice Enclosure / OSE 384/576



OSE 384/576

Stock ID	045-009-10 / OSE 384/576 Black 045-009-11 / OSE 384/576 Off White
Description	Wall mounted central splicing and cable management enclosure
Dimensions	28" H x 25.25" W x 14.5" D
Box Weight	47 lbs.
Material	.080" Aluminum
Capacity	(16) Splice Trays
Splice Tray	(16) 4048-SSTP or (16) 4072 SSTP

The Multilink OSE (Optical Splice Enclosure) is a wall mounted central splicing and cable management enclosure with a weather tight NEMA 4 design for indoor or outdoor applications. The unit is manufactured with top and bottom mounted cable entry plates each supporting up to (8) liquid tight cable seals. The enclosure interior compartment has two slide-out splice tray support shelves each with a (8) tray stacker. Depending on the tray selected, the enclosure supports up to 24F or 36F single fused fibers and if mass fusing, the enclosure can support >2000 mass fused fibers. Each splice tray incorporates the "open keyhole" hinging mechanism to allow for ease in tray entry without tray removal. The OSE is one of a family of units that support fiber splicing in wall mount applications.

Features & Benefits

- Compact design with high splice storage capacity
- Single outer and removable door
- Lightweight but durable .080" Aluminum
- All Corrosion resistant materials with outer protective polyester powder coating

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Added Security Dual Door Fiber Distribution Units



FF-WM-012

05

Stock ID	10-4469 (Black) 10-2539 (Beige) 10-6707 (Off White)
Description	Compact wall mount dual outer door distribution unit with 2 termination panel capacity and integrated network compartment and removable style locking door
Dimensions	6" H x 12" W x 4.5" D
Box Weight	8 lbs.
Material	16 GA Powder Coated Steel
Capacity	(2) Panels
Splice Tray	(1) 1120-SSTA



FF-WM-024

06

Stock ID	10-4462 (Black) 10-2542 (Beige) 10-6706 (Off White)
Description	Compact wall mount dual outer door distribution unit with 4 termination panel capacity and integrated network compartment work shelf and removable style locking door
Dimensions	11" H x 14" W x 4.5" D
Box Weight	12 lbs.
Material	16 GA Powder Coated Steel
Capacity	(4) Panels
Splice Tray	(2) 1120-SSTA



FF-WM-8X

29

Stock ID	045-030-10 (Black) 045-030-11 (Off White)
Description	Compact wall mount dual outer door distribution unit with 8 termination panel capacity and integrated network compartment work shelf and removable style locking door
Dimensions	16" H x 20" W x 6.5" D
Box Weight	24 lbs.
Material	16 GA Powder Coated Steel
Capacity	(8) Panels
Splice Tray	(4) 2000-SSTA

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NEMA Rated Distribution Units



FWM-2X-N4 (with termination panel)
FWM-0X-N4 (without termination panel)
ICM-2X (optional termination panel)

22

Stock ID	10-4870 - FWM-2X-N4 (Beige Only) 10-9867 - FWM-0X-N4 (Beige Only) 10-7812 - ICM-2X
Description	Wall mount NEMA 4 distribution unit with lockable and removable single outer door. Available as a 2 panel termination and splice or splice only unit
Dimensions	17.5" H x 9" W x 4" D
Weight	-
Material	16 GA Powder Coated Steel
Capacity	(2) Panels
Splice Tray	(2) 1120-SSTA (4 trays if no termination panel unit used)



FWM-2X-N4D

23

Stock ID	045-060-10 (Beige Only)
Description	Wall mount NEMA 4 single outer door distribution unit with lockable network compartment door and 2 termination panel capacity
Dimensions	13" H x 13.7" W x 5.75" D
Weight	12 lbs.
Material	.08" Powder Coated Aluminum
Capacity	(2) Panels
Splice Tray	(2) 1120-SSTA



FWM-4X-N4D

24

Stock ID	045-080-10 (Beige Only)
Description	Wall mount NEMA 4 single outer door distribution unit with lockable network compartment door and 4 termination panel capacity
Dimensions	14" H x 14" W x 7" D
Weight	-
Material	.08" Powder Coated Aluminum
Capacity	(4) Panels
Splice Tray	(4) 2000-SSTA or 1120-SSTA



FWM-12X-N4D

25

Stock ID	045-042-10 (Beige Only)
Description	Wall mount NEMA 4 single outer door distribution unit with lockable network compartment door and 12 termination panel capacity
Dimensions	22.4" H x 19.5" W x 10.5" D
Weight	16 lbs.
Material	.08" Powder Coated Aluminum
Capacity	(12) Panels
Splice Tray	(6) 3000-SSTA

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NEMA Rated Distribution Units



FF-OCS036

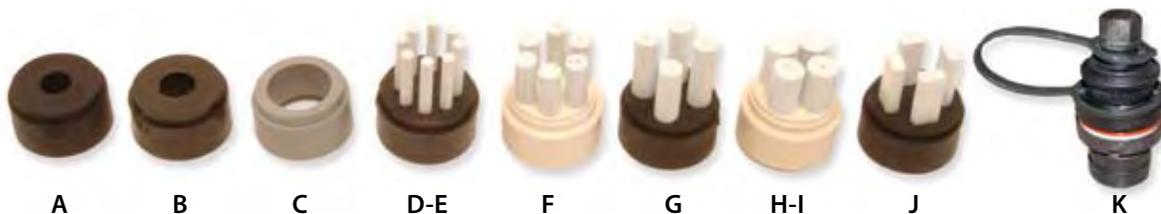
11

Stock ID	10-3338 (Gray Only)
Description	Wall mounted NEMA 1, 2, 3S, 4, 4X, 12 & 13 rated enclosure with a single outer door and inner network security door. 6 Panel termination capacity and field drilled cable entries using standard weather tight conduit fittings.
Dimensions	Outside - 18" H x 16" W x 10" D
Weight	Inside - 16" H x 14" W x 7" D
Material	10 lbs.
Capacity	Impact and Weather Resistant Plastic
Splice Tray	(6) Panels (4) 1120-SSTA
Options	NPT Cable Entrance Kit (065-016-10)



CABLE ADDITION KIT

Stock ID	065-016-10
Description	Cable Addition Kit for Branch or Lateral Cable Additions, .3"- .98"
UOM	Each



GROMMET INSERTS FOR 1" NPT FITTINGS

	Single	10 Pack	# of Holes	Description / Size of Cable	Weight Lbs.	UOM
A	10-5552	10-5553	1	.3"- .4" Diameter Cable	.5	Each
B	10-5127	10-5421	1	.41"- .5" Diameter Cable	.5	Each
C	10-5128	10-5422	1	.51"- .79" Diameter Cable	.5	Each
D	10-6554	10-6555	8	.060	.5	Each
E	10-6550	10-6551	8	.150	.5	Each
F	10-5129	10-5419	6	.265	.5	Each
G	10-6552	10-6553	4	.300	.5	Each
H	10-6002	10-6003	4	.350	.5	Each
I	10-5130	10-5483	4	.370	.5	Each
J	10-5134	10-5420	4	Ob-Round Holes for Flat Drop Cable	.5	Each
K	065-082-10	NA	1-SC	Scout Adapter/ (SC Outdoors)	.2	Each

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NEMA Rated Distribution Units



RNI-1000 w/ Fiber Distribution Configuration

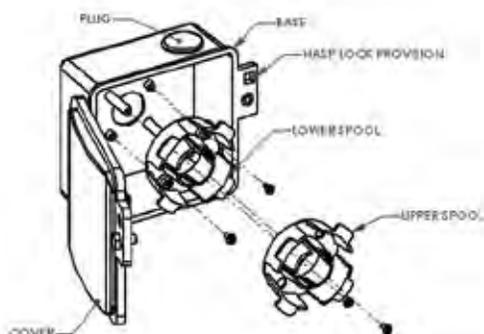
Stock ID	020-056-10
Description	Indoor/Outdoor NEMA 3R Wall Enclosure RNI-1000
Dimensions	10.52" W x 9.90" H x 3.27" D
Capacity	(1) Slack-n-Roll and (1) 612 Splice Tray
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure



RNI-1500 w/ Fiber Distribution Configuration

Stock ID	020-061-10
Description	Indoor/Outdoor NEMA 3R Wall Enclosure RNI-1500
Dimensions	12.27" W x 11.88" H x 4.86" D
Capacity	(2) Adapter Panels and (2) 612 Splice Trays
Material	UV Stabilized Plastic, Gray (can be painted with latex paint)
Cable Entry	Multiple Entry Points at Bottom of Enclosure

Fiber Optic Exterior Slack Storage Box



FILL CHART			
Bend Radius	Cable Type	EIA/TIA 40%	Maximum Fill
1.263 Inches	3mm Fiber Optic Cable	5.2 1.58 M	13' 3.9 MRT
1.211 Inches	3mm Fiber Optic Cable	4.4 1.34 M	11' 3.52 MRT

Stock ID	Description	Dimensions	Color	Std. CRT Size	UOM
020-004-23	Slack Box, Exterior with 3, 1" holes	4.8 L x 4.8 W x 2.2 D	Ivory	1	Each
020-004-24	Slack Box, Exterior without holes	4.8 L x 4.8 W x 2.2 D	Ivory	1	Each

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