

# FIBER DISTRIBUTION PRODUCTS

VOLUME 19



**Multilink**<sup>®</sup>  
25 YEARS

ENGINEERED TO MAKE THE DIFFERENCE! SINCE 1983



# Multilink Product Display

## Point-Of-Purchase Packaging

# Fiber Distribution Products

Volume 19

## Table Of Contents

Rack Mount Fiber Distribution Units .....	4-10
Wall Mount Fiber Distribution Units .....	11-17
Preterminated Order Guide .....	18-19
Fiber Optic Adapters .....	20-21
Fiber Adapter Panels, Blank .....	22
Fiber Adapter Panels, Loaded .....	23-25
Fiber Jumpers, Single Mode, Simplex .....	26
Fiber Jumpers, Single Mode, Duplex .....	27
Fiber Jumpers, Single Mode, Hybrid .....	28
Fiber Jumpers, Multi Mode, Simplex .....	29
Fiber Jumpers, Multi Mode, Duplex .....	30
Fiber Jumpers, Multi Mode, Hybrid .....	31
Fiber Jumpers, 10 GIG, Multi Mode, Duplex ....	32
Multi Fiber Pigtails .....	33
Fiber Management Spools .....	34
Fiber Management Straps & Ties .....	35
Tools & Test Equipment .....	36-38
Printers .....	39
Splice Trays .....	40



ENGINEERED TO MAKE THE DIFFERENCE! SINCE 1983

## RACK MOUNT FIBER ENCLOSURES

### Multilink's Family of Rack Mount Enclosures



#### Application

The Multilink family of rack mounted optical termination and in-rack splice enclosures are designed for the interconnection of patch cables, a combination of patching and splicing, or in-rack splicing. All of the enclosures are equipped with universal 19" or 23" rack mounting brackets. The product line supports from 2 to 24 termination panels in a variety of standard RU enclosures. Termination Shelves (TS) are designed with a slide out master panel shelf and allows for storage of splice trays behind the master termination panel. The Patch Splice (PS) enclosures have two separate slide out shelves: One with a termination master panel; the other with a tray support bracket and hinged trays. Swing out (SO) enclosures are designed for narrow depth applications with a hinged swing out master panel and splice tray storage.

#### Features & Benefits

- Steel and aluminum with a polyester powder coat finish in either standard Black or Off White
- Universal mounting with reversible 19" or 23" mounting brackets
- Swing out or Slide out master termination and splice tray panels
- Patching and splicing capabilities
- Removable front and rear doors for maximum access
- Improved access to network terminations or splices
- Flexibility in rack space with a variety of solutions
- Complete family of low, medium and high capacity distribution
- Available with Pre-terminated cabling or pigtailed

## RACK MOUNT FIBER ENCLOSURES

### Rack Mount Fiber Optic Distribution Solutions

Multilink in-rack mounted termination enclosures are designed to provide connectivity and distribution solutions. Enclosures are supplied with universal mounting hardware for 19" or 23" mounting. Slide out and swing out master panel style enclosures are designed to support the storage of splice trays. Each enclosure can be ordered fully terminated with cabling or pigtails from the factory, saving valuable installation time and in-field labor expenses. Products with your customized logo are available for OEM or other applications. Units are available in standard Black or Off White.

### Swing-Out Style Fiber Distribution Units



#### FRM-1RU-2X-SO

<b>Stock ID</b>	10-4323 (Black) 10-4325 (Off White)
<b>Description</b>	Rack Mount FDU 1RU in Height with 2 termination panel capacity and swing out master panel tray
<b>Dimensions</b>	1.75" H x 17" W x 11.0" D
<b>Weight</b>	11 lbs.
<b>Material</b>	16 GA Powder Coated Steel
<b>Capacity</b>	(2) Panels
<b>Splice Tray</b>	(2) 1120-SSTA



#### FRM-2RU-4X-SO

<b>Stock ID</b>	10-4327 (Black) 10-4326 (Off White)
<b>Description</b>	Rack Mount FDU 2RU in Height with 4 termination panel capacity and swing out master panel tray
<b>Dimensions</b>	3.5" H x 17" W x 11.0" D
<b>Weight</b>	12 lbs.
<b>Material</b>	16 GA Powder Coated Steel
<b>Capacity</b>	(4) Panels
<b>Splice Tray</b>	(4) 1120-SSTA

## RACK MOUNT FIBER ENCLOSURES

### Rack Mount Fiber Optic Distribution Solutions

Multilink in-rack mounted termination enclosures are designed to provide connectivity and distribution solutions. Enclosures are supplied with universal mounting hardware for 19" or 23" mounting. Slide out and swing out master panel style enclosures are designed to support the storage of splice trays. Each enclosure can be ordered fully terminated with cabling or pigtails from the factory, saving valuable installation time and in-field labor expenses. Products with your customized logo are available for OEM or other applications. Units are available in standard Black or Off White.

#### Slide-Out Removable Top Style Fiber Distribution Units



#### FRM-1RU-3X-TS

<b>Stock ID</b>	045-115-10 (Black) 045-115-11 (Off White)
<b>Description</b>	Rack Mount FDU 1RU in Height with 2 termination panel capacity and slide out master panel tray
<b>Dimensions</b>	1.75" H x 17" W x 14.0" D
<b>Weight</b>	15.27 lbs.
<b>Material</b>	.060" Powder Coated Steel
<b>Capacity</b>	(3) Panels
<b>Splice Tray</b>	(2) 2000-SSTA



#### FRM-2RU-6X-TS

<b>Stock ID</b>	045-083-10 (Black) 045-083-11 (Off White)
<b>Description</b>	Rack Mount FDU 2RU in Height with 6 termination panel capacity and slide out master panel tray
<b>Dimensions</b>	3.50" H x 17" W x 14.0" D
<b>Weight</b>	
<b>Material</b>	.060" Powder Coated Steel
<b>Capacity</b>	(6) Panels
<b>Splice Tray</b>	(3) 2000-SSTA

## RACK MOUNT FIBER ENCLOSURES

### Slide-Out Style Fiber Distribution Units



#### FRM-2RU-4X-TS

STEEL	<b>Stock ID</b>	10- 4457 (Black) 10- 4531 (Off White)
	<b>Description</b>	Rack Mount FDU 2RU in Height with 4 termination panel capacity and slide out master panel tray
	<b>Dimensions</b>	3.5" H x 17" W x 14.0" D
	<b>Weight</b>	22 lbs.
	<b>Material</b>	.060" Powder Coated Steel
	<b>Capacity</b>	(4) Panels
	<b>Splice Tray</b>	(2) 2000-SSTA

ALUMINUM	<b>Stock ID</b>	10- 4533 (Black) 10- 4453 (Off White)
	<b>Description</b>	Rack Mount FDU 2RU in Height with 4 termination panel capacity and slide out master panel tray
	<b>Dimensions</b>	3.5" H x 17" W x 14.0" D
	<b>Weight</b>	11 lbs.
	<b>Material</b>	.060" Powder Coated Aluminum
	<b>Capacity</b>	(4) Panels
	<b>Splice Tray</b>	(2) 2000-SSTA



#### FRM-3RU-6X-TS

STEEL	<b>Stock ID</b>	10-4538 (Black) 10-4541 (Off White)
	<b>Description</b>	Rack Mount FDU 3RU in Height with 6 termination panel capacity and slide out master panel tray
	<b>Dimensions</b>	5.25" H x 17" W x 14.0" D
	<b>Weight</b>	24 lbs.
	<b>Material</b>	.060" Powder Coated Steel
	<b>Capacity</b>	(6) Panels
	<b>Splice Tray</b>	(3) 2000-SSTA

ALUMINUM	<b>Stock ID</b>	10-4540 (Black) 10-4455 (Off White)
	<b>Description</b>	Rack Mount FDU 3RU in Height with 6 termination panel capacity and slide out master panel tray
	<b>Dimensions</b>	5.25" H x 17" W x 14.0" D
	<b>Weight</b>	12 lbs.
	<b>Material</b>	.060" Powder Coated Aluminium
	<b>Capacity</b>	(6) Panels
	<b>Splice Tray</b>	(3) 2000-SSTA



#### FRM-4RU-12X-TS

STEEL	<b>Stock ID</b>	10-4534 (Black) 10-4537 (Off White)
	<b>Description</b>	Rack Mount FDU 4RU in Height with 12 termination panel capacity and slide out master panel tray
	<b>Dimensions</b>	7.0" H x 17" W x 14.0" D
	<b>Weight</b>	26 lbs.
	<b>Material</b>	14 GA Powder Coated Steel
	<b>Capacity</b>	(12) Panels
	<b>Splice Tray</b>	(8) 2000-SSTA

ALUMINUM	<b>Stock ID</b>	10-4536 (Black) 10-4456 (Off White)
	<b>Description</b>	Rack Mount FDU 4RU in Height with 12 termination panel capacity and slide out master panel tray
	<b>Dimensions</b>	7.0" H x 17" W x 14.0" D
	<b>Weight</b>	14 lbs.
	<b>Material</b>	.060" Powder Coated Aluminium
	<b>Capacity</b>	(12) Panels
	<b>Splice Tray</b>	(8) 2000-SSTA

## RACK MOUNT FIBER ENCLOSURES (con't)

### Slide-Out Style Fiber Distribution Units



#### FRM-8.5RU-24X-TS

<b>Stock ID</b>	10-4546 (Black) 10-4545 (Off White)
<b>Description</b>	Rack Mount FDU 8.5RU in Height with 24 termination panel capacity and dual slide out master panel trays
<b>Dimensions</b>	14.88" H x 17" W x 14.0" D
<b>Weight</b>	19 lbs.
<b>Material</b>	.060" Powder Coated Aluminium
<b>Capacity</b>	(24) Panels
<b>Splice Tray</b>	(16) 2000-SSTA (8 trays on each Slide out Master Panel Tray)

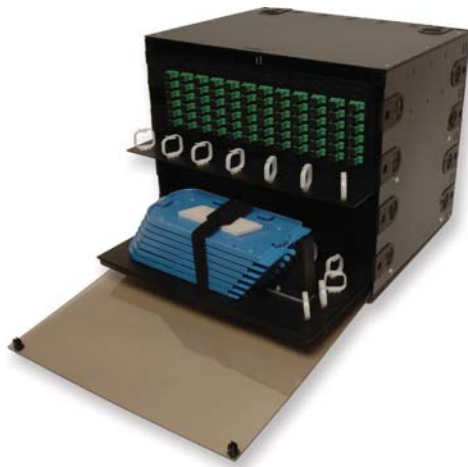
## RACK MOUNT FIBER ENCLOSURES

### Slide-Out Style Combination Patch & Splice Distribution Units



#### FRM-4RU-4X-PS (Includes 1 splice tray)

<b>Stock ID</b>	10-5270 (Black) 10-2146 (Off White)
<b>Description</b>	Rack Mount FDU 4RU in with 4 termination panel capacity and separate splice tray compartment with dual slide out master panel and splice trays
<b>Dimensions</b>	7.0" H x 17" W x 14.0" D
<b>Weight</b>	15 lbs.
<b>Material</b>	.060" Powder Coated Aluminum
<b>Capacity</b>	(4) Panels
<b>Splice Tray</b>	(2) 4048-SSTP



#### FRM-8.5RU-12X-PS (Includes 1 splice tray)

<b>Stock ID</b>	10-8584 (Black) 10-8585 (Off White)
<b>Description</b>	Rack Mount FDU 8.5RU in Height with 12 termination panel capacity and separate dual slide out master panel and splice trays
<b>Dimensions</b>	14.88" H x 17" W x 14.0" D
<b>Weight</b>	19 lbs.
<b>Material</b>	.060" Powder Coated Aluminum
<b>Capacity</b>	(12) Panels
<b>Splice Tray</b>	(8) 4048-SSTP



## RACK MOUNT FIBER ENCLOSURES

### Slide-Out Style Splice Shelves



#### FRM-3RU-SS

<b>Stock ID</b>	10-8572 (Black) 10-8574 (Off White)
<b>Description</b>	Rack Mount 3RU in Height slide out master Splice tray support panel
<b>Dimensions</b>	5.25" H x 17" W x 14.0" D
<b>Weight</b>	-
<b>Material</b>	.060" Powder Coated Aluminum
<b>Capacity</b>	(4) 24 Fiber Splice Trays
<b>Splice Tray</b>	(4) 4048-SSTP



#### FRM-4RU-SS

<b>Stock ID</b>	10-8568 (Black) 10-8570 (Off White)
<b>Description</b>	Rack Mount 4RU in Height slide out master Splice tray support panel
<b>Dimensions</b>	7.0" H x 17" W x 14.0" D
<b>Weight</b>	-
<b>Material</b>	.060" Powder Coated Aluminum
<b>Capacity</b>	(8) 24 Fiber Splice Trays
<b>Splice Tray</b>	(8) 4048-SSTP



#### FRM-8.5RU-SS

<b>Stock ID</b>	10-8558 (Black) 10-8583 (Off White)
<b>Description</b>	Rack Mount 8.5RU in Height slide out master Splice tray support panel
<b>Dimensions</b>	14.88" H x 17" W x 14.0" D
<b>Weight</b>	-
<b>Material</b>	.060" Powder Coated Aluminum
<b>Capacity</b>	(16) 24 Fiber Splice Trays (8 on each shelf)
<b>Splice Tray</b>	(16) 4048-SSTP

## RACK MOUNT FIBER ENCLOSURES

### In-Rack Patch Enclosure Solutions



#### FF-RM-12X

<b>Stock ID</b>	10-1038 (Black) 10-6450 (Off White)
<b>Description</b>	Rack Mount 4RU in Height fixed master panel with integrated horizontal and vertical jumper guides
<b>Dimensions</b>	7.0" H x 17" W x 14.0" D
<b>Weight</b>	9.5 lbs.
<b>Material</b>	.060" Powder Coated Aluminum
<b>Capacity</b>	(12) Panels

## WALL MOUNT FIBER ENCLOSURES

### 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.

## WALL MOUNT FIBER ENCLOSURES

### 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

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



#### WM-4X

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

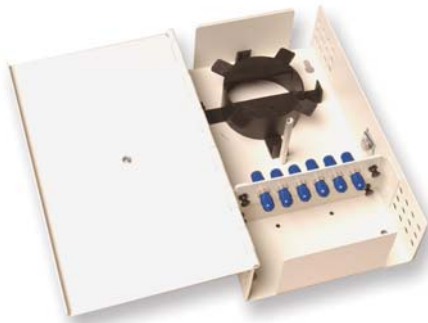


#### WM-8X

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

## WALL MOUNT FIBER ENCLOSURES

### Standard Single Outer Door Fiber Distribution Units



#### FF-Mini-WM12

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



#### FF-FOH (Splice Only)

<b>Stock ID</b>	70914K (Off White Only)
<b>Description</b>	Wall mount single outer door compact distribution unit with 2 termination panel capacity
<b>Dimensions</b>	10" H x 6" W x 2.5" D
<b>Weight</b>	5 lbs.
<b>Material</b>	18 GA Powder Coated Steel
<b>Splice Tray</b>	(1) 1120-SSTA



#### FWM012XLC

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



#### FWM024XLC

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

## WALL MOUNT FIBER ENCLOSURES

### Standard Dual Door Fiber Distribution Units



#### FWM012XD

<b>Stock ID</b>	99009BK (Black) 99009K (Off White)
<b>Description</b>	Wall mount dual outer door distribution unit with captive screw fasteners on both doors and 2 termination panel capacity
<b>Dimensions</b>	10.2" H x 12.5" W x 3.5" D
<b>Weight</b>	9 lbs.
<b>Material</b>	16 GA Powder Coated Steel
<b>Capacity</b>	(2) Panels
<b>Splice Tray</b>	(2) 1120-SSTA



#### FWM024X

<b>Stock ID</b>	99024BK (Black) 99024K (Off White)
<b>Description</b>	Wall mount dual outer door distribution unit with lockable network compartment door and 4 termination panel capacity
<b>Dimensions</b>	10.8" H x 12" W x 4" D5
<b>Weight</b>	10 lbs.
<b>Material</b>	16 GA Powder Coated Steel
<b>Capacity</b>	(4) Panels
<b>Splice Tray</b>	(4) 1120-SSTA



#### FWM054X

<b>Stock ID</b>	10-5283 (Black) 10-5281 (Off White)
<b>Description</b>	Wall mount dual outer door distribution unit with lockable network and distribution compartment doors and 9 termination panel capacity
<b>Dimensions</b>	17" H x 21.2" W x 5" D
<b>Weight</b>	21 lbs.
<b>Material</b>	16 GA Powder Coated Steel
<b>Capacity</b>	(9) Panels
<b>Splice Tray</b>	(3) 2000-SSTA

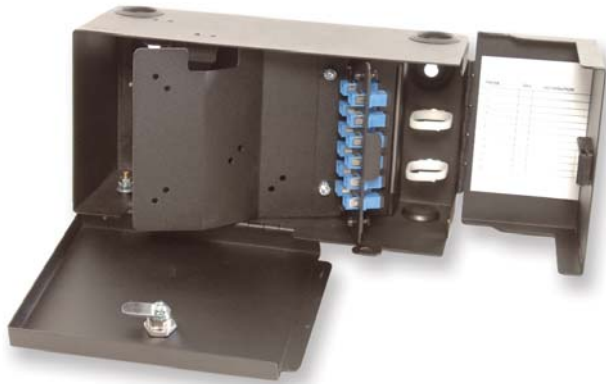


#### FWM312410

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

## WALL MOUNT FIBER ENCLOSURES

### Added Security Dual Door Fiber Distribution Units



#### FF-WM-012

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



#### FF-WM-024

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



#### FF-WM-8X

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

## WALL MOUNT FIBER ENCLOSURES NEMA Rated Distribution Units



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

<b>Stock ID</b>	10-4870 - FWM-2X-N4 (Beige Only) 10-9867 - FWM-0X-N4 (Beige Only) 10-7812 - ICM-2X
<b>Description</b>	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
<b>Dimensions</b>	17.5" H x 9" W x 4" D
<b>Weight</b>	-
<b>Material</b>	16 GA Powder Coated Steel
<b>Capacity</b>	(2) Panels
<b>Splice Tray</b>	(2) 1120-SSTA (4 trays if no termination panel unit used)



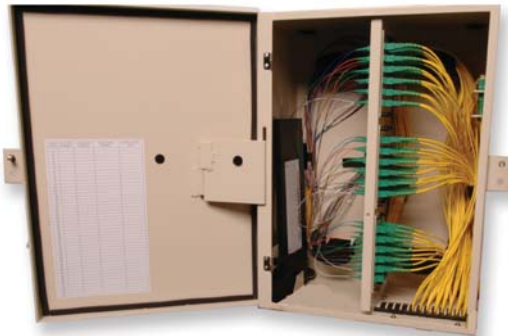
### FWM-2X-N4D

<b>Stock ID</b>	045-060-10 (Beige Only)
<b>Description</b>	Wall mount NEMA 4 single outer door distribution unit with lockable network compartment door and 2 termination panel capacity
<b>Dimensions</b>	12.5" H x 12.5" W x 5.75" D
<b>Weight</b>	-
<b>Material</b>	.08" Powder Coated Aluminum
<b>Capacity</b>	(2) Panels
<b>Splice Tray</b>	(2) 1120-SSTA



### FWM-4X-N4D

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



### FWM-12X-N4D

<b>Stock ID</b>	045-042-10 (Beige Only)
<b>Description</b>	Wall mount NEMA 4 single outer door distribution unit with lockable network compartment door and 12 termination panel capacity
<b>Dimensions</b>	19.7" H x 18.4" W x 9.8" D
<b>Weight</b>	-
<b>Material</b>	.08" Powder Coated Aluminum
<b>Capacity</b>	(12) Panels
<b>Splice Tray</b>	(6) 2000-SSTA



## WALL MOUNT FIBER ENCLOSURES NEMA Rated Distribution Units



### FWM-RNI24X

<b>Stock ID</b>	99025BSTK (BLK, ST Plate) 13004RNI (Gasket Kit)
<b>Description</b>	Wall mount NEMA 12 dual outer door distribution unit with lockable network compartment door and 24 termination capacity. Optional gasket for additional protection. Call Customer Service for SC or FC applications
<b>Dimensions</b>	17.25" H x 11.25" W x 4" D
<b>Weight</b>	5 lbs.
<b>Material</b>	Impact and Weather Resistant Plastic
<b>Capacity</b>	(24) ST, SC or FC Terminations
<b>Splice Tray</b>	(2) 1120-SSTA



### FWM-RNI48X

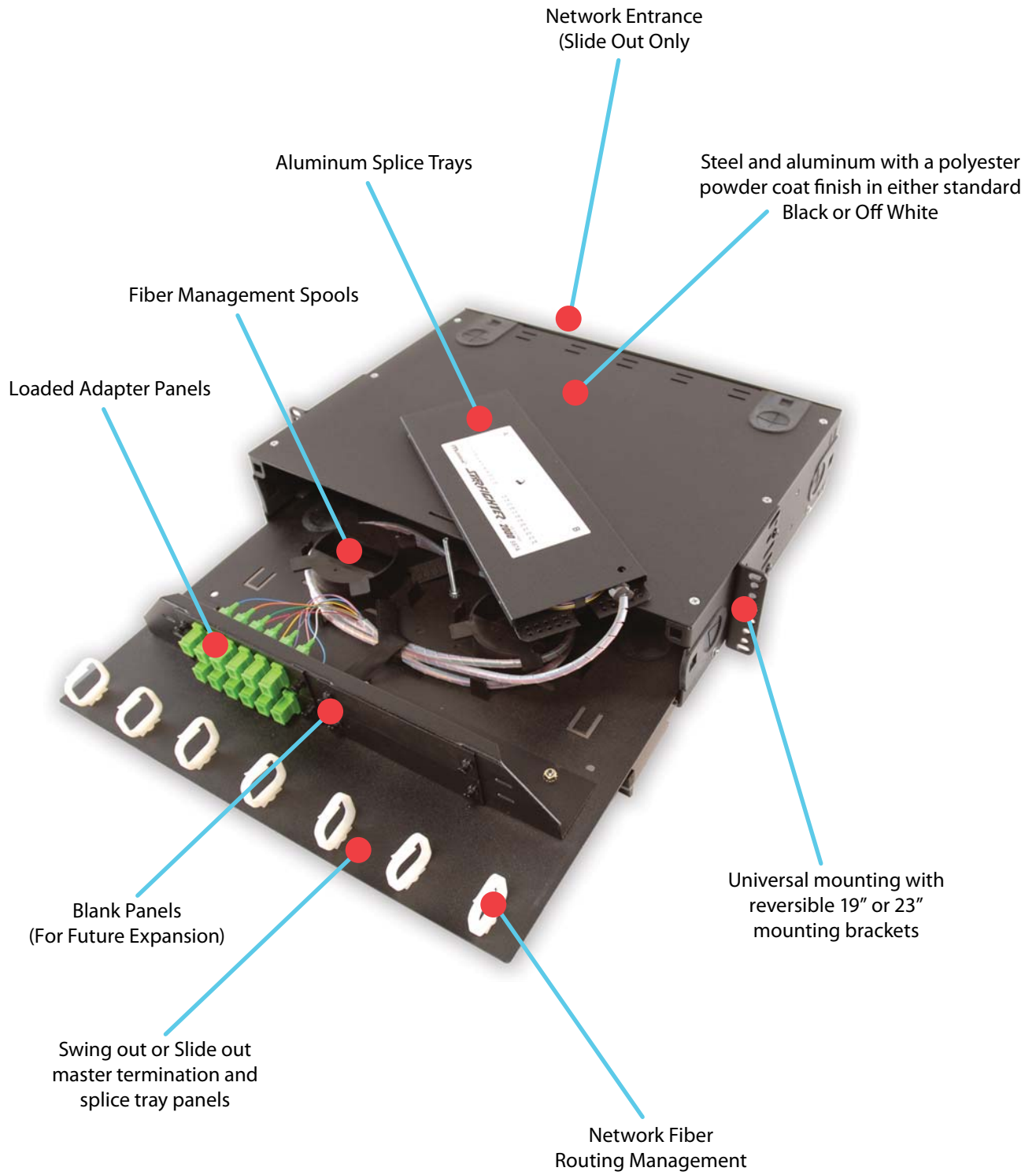
<b>Stock ID</b>	99049K (Ivory, ST Plate) 30669 (RNI - 48X / Optional Gasket Kit)
<b>Description</b>	Wall mount NEMA 12 dual outer door distribution unit with lockable network compartment door and 48 termination capacity. Optional gasket for additional protection. Call Customer Service for SC or FC applications
<b>Dimensions</b>	20" H x 10" W x 5.6" D
<b>Weight</b>	5 lbs.
<b>Material</b>	Impact and Weather Resistant Plastic
<b>Capacity</b>	(48) ST, SC or FC Terminations
<b>Splice Tray</b>	(4) 1120-SSTA



### FF-OCS036

<b>Stock ID</b>	10-3338 (Gray Only)
<b>Description</b>	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.
<b>Dimensions</b>	16" H x 14" W x 7" D
<b>Weight</b>	10 lbs.
<b>Material</b>	Impact and Weather Resistant Plastic
<b>Capacity</b>	(6) Panels
<b>Splice Tray</b>	(4) 1120-SSTA

## PRETERMINATED ENCLOSURES



## PRETERMINATED ORDERING GUIDE

# Rack and Wall Mount FDU Configurator

### Example Configuration:

**ML 02 24 B ST6 MP 003 21 12**

### Translates:

**FWM024XLC, 24 loaded ports, Black, ST 6 Port Multimode, Multifiber pigtails, 3 meters in length, equipped with 2 of the 1120-SSTA trays**

Enclosure Type	# Of Conn.	Color	Adapter	Pigtail	Length (Meters)	Splice Tray***	Splice Count
<b>WALL MOUNTS</b>							
01 FWM012XLC	006	OW=O	SCS=SC Simplex MM	00=None	00X**	X1=1120-SSTA	12
	012	BLK=B	SCD=SC Duplex MM	T9=900um		X2=2000-SSTA	24
02 FWM024XLC	018	Beige=BE*	SUS=SC Simplex SM	T3=3mm		X3=2020-SSTP	
	024		SUD=SC Duplex SM	MD=Module		X4=4048-SSTP	
03 FF-MINI-WM12	030		SAS=SC/APC Simplex SM	MP=Multifiber		X denotes number of trays	
	036		SAD=SC/APC Duplex SM	OSP=OSP Dielectric Cable			
04 FF-FOH	042		FC=FC MM	OSA=OSP Armored Cable			
	048		FU=FC SM	DST=Distribution Cable			
05 FF-WM-012	054		FA=FC/APC				
	060		LCS=LC Simplex MM				
06 FF-WM-024	066		LCD=LC Duplex MM				
	072		LUS=LC Simplex SM				
07 FWM012XD	096		LUD=LC Duplex SM				
	144		LAS=LC/APC Simplex SM				
08 FWM024X	288		LAD=LC/APC Duplex SM				
			ST6=ST 6 port MM				
09 FWM054X			ST8=ST 8 port MM				
			ST12=ST 12 port MM				
10 FWM-312410			SM6=ST 6 port SM				
			SM8=ST 8 port SM				
11 FF-OCS036			SM12=ST 12 port SM				
			MJ=MTRJ				
22 FWM-2X-N4							
23 FWM-2X-N4D							
24 FWM-4X-N4D							
25 FWM-12X-N4D							
26 WM-2X (Multilite)							
27 WM-4X (Multilite)							
28 WM-8X (Multilite)							
29 FF-WM-8X							
<b>RACK MOUNTS</b>							
12 FRM-1RU-2X-SO							
13 FRM-2RU-4X-SO							
14 FRM-2RU-4X-TS							
30 FRM-2RU-6X-TS							
15 FRM-3RU-6X-TS							
16 FRM-4RU-12X-TS							
17 FRM-8.5RU-24X-TS							
18 FRM-4RU-4X-PS							
19 FRM-8.5RU-12X-PS							
20 FF-RM-12X							
21 FRM-1RU-3X-TS							

\*\* Feet divided by 2.54 and rounded up to the full meter.


\* Only available for specified boxes. Refer to catalog descriptions.

\*\*\* Align with unit type.

## FIBER OPTIC ADAPTERS

	Stock ID	Type	Fiber Polish	Mode	Sleeve Material	Color	Foot Print
	99306	ST	Any	MM	Phos. Bronze	Chrome	ST
	99307	ST	Any	SM	Ceramic	Chrome	ST
	99309	FC	Any	MM	Phos. Bronze	Chrome	FC
	99310	FC	Any	SM	Ceramic	Chrome	FC
	10-1688	MTRJ	PC	MM	Phos. Bronze	Black	MTRJ
	10-5382	SC Simplex	PC	MM	Phos. Bronze	Beige	SC Simplex
	99302	SC Duplex	PC	MM	Phos. Bronze	Beige	SC Duplex
	99304	SC Simplex	UPC	SM	Ceramic	Blue	SC Simplex
	10-5513	SC Duplex	UPC	SM	Ceramic	Blue	SC Duplex
	10-3642	SC Simplex	APC	SM	Ceramic	Green	SC Simplex
	10-5378	SC Duplex	APC	SM	Ceramic	Green	SC Duplex
	065-236-10	SC Simplex 10 GIG	PC	MM	Phos. Bronze	Aqua	SC Simplex
	065-237-10	SC Duplex 10 GIG	PC	MM	Phos. Bronze	Aqua	SC Duplex

## FIBER OPTIC ADAPTERS

	Stock ID	Type	Fiber Polish	Mode	Sleeve Material	Color	Foot Print
	10-9711	LC Duplex	PC	MM	Phos. Bronze	Beige	LC Duplex
	10-4605	LC Duplex	UPC	SM	Ceramic	Blue	LC Duplex
	065-240-10	LC Duplex 10 GIG	PC	MM	Phos. Bronze	Aqua	SC Simplex
	065-238-10	LC Quad	PC	MM	Phos. Bronze	Beige	SC Duplex
	065-239-10	LC Quad	UPC	SM	Ceramic	Blue	SC Duplex
	065-241-10	LC Quad 10 GIG	PC	MM	Phos. Bronze	Aqua	SC Duplex

## FIBER ADAPTER PANELS - BLANK

	Stock ID	Model #	Conn. Type	# Of Conn. Holes	Plate Color
	10-1690	MTRJ-03-NB-BLK	MTRJ	6	Black
	10-1689	MTRJ-03-NB-OW			Off White
	10-6061	MSCB-06-BB-BLK	SC	6	Black
	10-6063	MSCB-06-BB-OW			Off White
	10-9103	MSCB-08-BB-BLK	SC	8	Black
	10-9101	MSCB-08-BB-OW			Off White
	10-5534	MSCBH-03-NB-BLK	SC DUPLEX	6	Black
	10-8187	MSCBH-03-NB-OW			Off White
	10-5455	MSTA-03-BB-BLK	ST	6	Black
	10-5450	MSTA-03-BB-OW			Off White
	10-9227	MSTA-08-BB-BLK	ST	8	Black
	10-9230	MSTA-08-BB-OW			Off White
	10-9188	MSTA-12-BB-BLK	ST	12	Black
	10-9189	MSTA-12-BB-OW			Off White
	10-4610	MLCD-03-NB-BLK	LC DUPLEX	6	Black
	10-4609	MLCD-03-NB-OW			Off White
	10-8750	MFCB-03-DB-BLK	FC	6	Black
	10-8752	MFCB-03-DB-OW			Off White
	065-226-10	MFCB-08-DB-BLK	FC	8	Black
	065-226-11	MFCB-08-DB-OW			Off White
	065-227-10	MFCB-12-DB-BLK	FC	12	Black
	065-227-11	MFCB-12-DB-OW			Off White
	10-7666	MFMB-600BB-BLK	-	0	Black
	10-7668	MFMB-600BB-OW			Off White

## FIBER ADAPTER PANELS - LOADED

	Stock ID	Model #	Conn. Type	# Of Conn.	Ferrol	Mode	Fiber Polish	Conn. Color	Plate Color
	10-5458	MST-06-P-BLK	ST	6	Phos. Bronze	MM	PC UPC	Chrome	Black
	10-5457	MST-06-P-OW							Off White
	99234K	MST-06-C-BLK	ST	6	Ceramic	SM	Any	Chrome	Black
	99223K	MST-06-C-OW							Off White
	10-9228	MST-08-P-BLK	ST	8	Phos. Bronze	MM	PC UPC	Chrome	Black
	10-9229	MST-08-P-OW							Off White
	10-9236	MST-08-C-BLK	ST	8	Ceramic	SM	Any	Chrome	Black
	10-6066	MST-08-C-OW							Off White
	10-9196	MST-12-P-BLK	ST	12	Phos. Bronze	MM	PC UPC	Chrome	Black
	10-9195	MST-12-P-OW							Off White
	10-6065	MST-12-C-BLK	ST	12	Ceramic	SM	Any	Chrome	Black
	10-6177	MST-12-C-OW							Off White
	10-5095	MFC-06-P-BLK	FC	6	Phos. Bronze	MM	PC UPC	Chrome	Black
	10-8751	MFC-06-P-OW							Off White
	10-4744	MFC-06-C-BLK	FC	6	Ceramic	SM	Any	Chrome	Black
	99218CK	MFC-06-C-OW							Off White
	065-217-50	MFC-08-P-BLK	FC	8	Phos. Bronze	MM	PC UPC	Chrome	Black
	065-217-51	MFC-08-P-OW							Off White
	065-217-10	MFC-08-C-BLK	FC	8	Ceramic	SM	Any	Chrome	Black
	065-217-11	MFC-08-C-OW							Off White
	065-218-50	MFC-12-P-BLK	FC	12	Phos. Bronze	MM	PC UPC	Chrome	Black
	065-218-50	MFC-12-P-OW							Off White
	065-218-10	MFC-12-C-BLK	FC	12	Ceramic	SM	Any	Chrome	Black
	065-218-11	MFC-12-C-OW							Off White
	10-3628	MTRJ-12-MM-P-BLK	MTRJ	6	Phos. Bronze	MM	PC UPC	Black	Black
	10-3629	MTRJ-12-MM-P-OW							Off White

## FIBER ADAPTER PANELS - LOADED

	Stock ID	Model #	Conn. Type	# Of Conn.	Ferrol	Mode	Fiber Polish	Conn. Color	Plate Color
	10-9995	MSC-06-MM-P-BLK	SC	6	Phos. Bronze	MM	PC	Beige	Black
	10-9996	MSC-06-MM-P-OW							Off White
	10-9997	MSC-08-MM-P-BLK	SC	8	Phos. Bronze	MM	PC	Beige	Black
	10-9998	MSC-08-MM-P-OW							Off White
	10-5535	MSC-12-MM-P-BLK	SC	12	Phos. Bronze	MM	PC	Beige	Black
	10-5551	MSC-12-MM-P-OW							Off White
	10-4810	MSC-06-SM-C-BLK	SC	6	Ceramic	SM	UPC	Blue	Black
	10-6178	MSC-06-SM-C-OW							Off White
	10-7903	MSC-08-SM-C-BLK	SC	8	Ceramic	SM	UPC	Blue	Black
	10-7902	MSC-08-SM-C-OW							Off White
	10-1817	MSC-12-SM-C-BLK	SC	12	Ceramic	SM	UPC	Green	Black
	10-6181	MSC-12-SM-C-OW							Off White
	10-4442	MSCA-06-SM-C-BLK	SC	6	Ceramic	SM	APC	Green	Black
	99222K	MSCA-06-SM-C-OW							Off White
	10-5463	MSCA-08-SM-C-BLK	SC	8	Ceramic	SM	APC	Green	Black
	10-1944	MSCA-08-SM-C-OW							Off White
	10-5327	MSCA-12-SM-C-BLK	SC	6	Ceramic	SM	APC	Green	Black
	99224K	MSCA-12-SM-C-OW							Off White
	065-242-10	MSCG-6-MM-P-BLK	SC 10 GIG	12	Phos. Bronze	MM	UPC	Aqua	Black
	065-242-11	MSCG-6-MM-P-OW							Off White
	065-243-10	MSCG-12-MM-P-BLK	SC 10 GIG	12	Phos. Bronze	MM	UPC	Aqua	Black
	065-243-11	MSCG-12-MM-P-OW							Off White

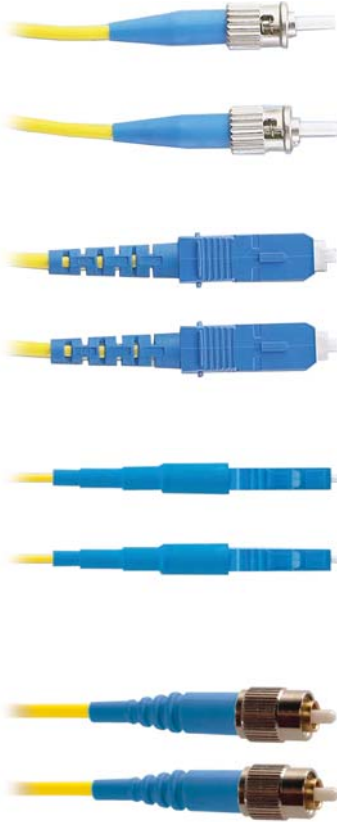


## FIBER ADAPTER PANELS - LOADED

	Stock ID	Model #	Conn. Type	# Of Conn.	Ferrol	Mode	Fiber Polish	Conn. Color	Plate Color
	10-3626	MLCD-12-MM-P-BLK	LC	12	Phos. Bronze	MM	UPC	Beige	Black
	10-3627	MLCD-12-MM-P-OW							Off White
	065-225-10	MLCQ-24-MM-P-BLK	LC	24	Phos. Bronze	MM	UPC	Beige	Black
	065-225-11	MLCQ-24-MM-P-OW							Off White
	10-9709	MLCD-12-SM-C-BLK	LC	12	Ceramic	SM	UPC	Blue	Black
	10-9710	MLCD-12-SM-C-OW							Off White
	065-244-10	MLCQ-24-SM-C-BLK	LC	24	Ceramic	SM	UPC	Blue	Black
	065-244-11	MLCQ-24-SM-C-OW							Off White
	065-245-10	MLCDG-12-MM-P-BLK	LC 10 GIG	12	Phos. Bronze	MM	UPC	Aqua	Black
	065-245-11	MLCDG-12-MM-P-OW							Off White
	065-246-10	MLCQG-24-MM-P-BLK	LC 10 GIG	24	Phos. Bronze	MM	UPC	Aqua	Black
	065-246-11	MLCQG-24-MM-P-OW							Off White

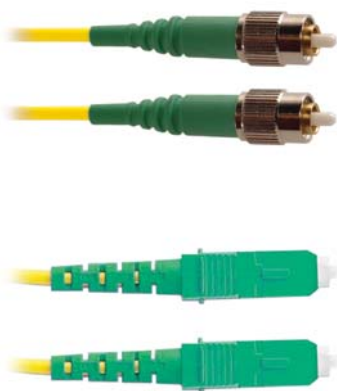
## SINGLE MODE SIMPLEX JUMPERS

### UPC / Simplex



Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6310	ST/UPC	ST/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6311	ST/UPC	ST/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6312	ST/UPC	ST/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6313	ST/UPC	ST/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6314	ST/UPC	ST/UPC	9/125µm	2.9-3.0mm	Yellow	10
10-6315	SC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6316	SC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6317	SC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6318	SC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6319	SC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	10
10-6320	LC/UPC	LC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6321	LC/UPC	LC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6322	LC/UPC	LC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6323	LC/UPC	LC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6324	LC/UPC	LC/UPC	9/125µm	2.9-3.0mm	Yellow	10
10-6325	FC/UPC	FC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6326	FC/UPC	FC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6327	FC/UPC	FC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6328	FC/UPC	FC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6329	FC/UPC	FC/UPC	9/125µm	2.9-3.0mm	Yellow	10

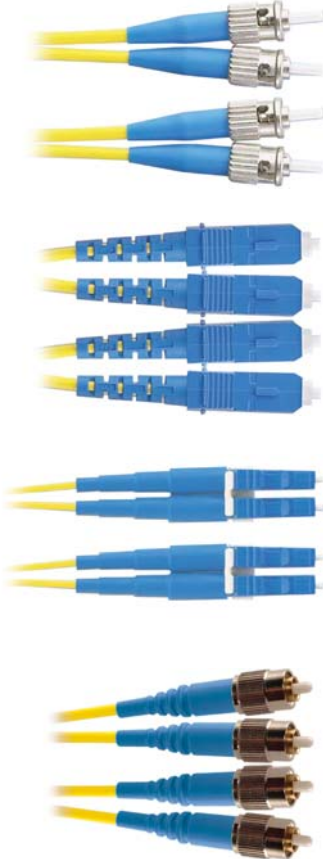
### APC / Simplex



Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6400	FC/APC	FC/APC	9/125µm	2.9-3.0mm	Yellow	1
10-6401	FC/APC	FC/APC	9/125µm	2.9-3.0mm	Yellow	2
10-6402	FC/APC	FC/APC	9/125µm	2.9-3.0mm	Yellow	3
10-6403	FC/APC	FC/APC	9/125µm	2.9-3.0mm	Yellow	5
10-6404	FC/APC	FC/APC	9/125µm	2.9-3.0mm	Yellow	10
10-6405	SC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	1
10-6406	SC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	2
10-6407	SC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	3
10-6408	SC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	5
10-6409	SC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	10

**Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling**

## SINGLE MODE DUPLEX JUMPERS

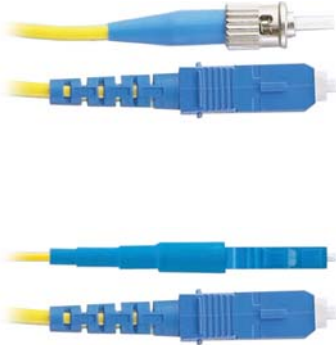


Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6330	ST/UPC	ST/UPC	9/125μm	2.9-3.0mm	Yellow	1
10-6331	ST/UPC	ST/UPC	9/125μm	2.9-3.0mm	Yellow	2
10-6332	ST/UPC	ST/UPC	9/125μm	2.9-3.0mm	Yellow	3
10-6333	ST/UPC	ST/UPC	9/125μm	2.9-3.0mm	Yellow	5
10-6334	ST/UPC	ST/UPC	9/125μm	2.9-3.0mm	Yellow	10
10-6335	SC/UPC	SC/UPC	9/125μm	2.9-3.0mm	Yellow	1
10-6336	SC/UPC	SC/UPC	9/125μm	2.9-3.0mm	Yellow	2
10-6337	SC/UPC	SC/UPC	9/125μm	2.9-3.0mm	Yellow	3
10-6338	SC/UPC	SC/UPC	9/125μm	2.9-3.0mm	Yellow	5
10-6339	SC/UPC	SC/UPC	9/125μm	2.9-3.0mm	Yellow	10
10-6340	LC/UPC	LC/UPC	9/125μm	2.9-3.0mm	Yellow	1
10-6341	LC/UPC	LC/UPC	9/125μm	2.9-3.0mm	Yellow	2
10-6342	LC/UPC	LC/UPC	9/125μm	2.9-3.0mm	Yellow	3
10-6343	LC/UPC	LC/UPC	9/125μm	2.9-3.0mm	Yellow	5
10-6344	LC/UPC	LC/UPC	9/125μm	2.9-3.0mm	Yellow	10
10-6345	FC/UPC	FC/UPC	9/125μm	2.9-3.0mm	Yellow	1
10-6346	FC/UPC	FC/UPC	9/125μm	2.9-3.0mm	Yellow	2
10-6347	FC/UPC	FC/UPC	9/125μm	2.9-3.0mm	Yellow	3
10-6348	FC/UPC	FC/UPC	9/125μm	2.9-3.0mm	Yellow	5
10-6349	FC/UPC	FC/UPC	9/125μm	2.9-3.0mm	Yellow	10

**Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling**

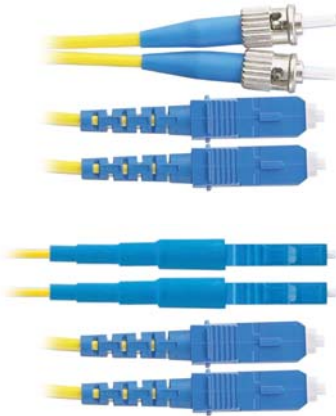
## SINGLE MODE HYBRID JUMPERS

### UPC / Simplex



Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6380	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6381	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6382	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6383	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6384	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	10
10-6385	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6386	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6387	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6388	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6389	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	10

### UPC / Duplex



Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6390	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6391	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6392	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6393	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6394	ST/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	10
10-6395	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	1
10-6396	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	2
10-6397	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	3
10-6398	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	5
10-6399	LC/UPC	SC/UPC	9/125µm	2.9-3.0mm	Yellow	10

### APC / Simplex

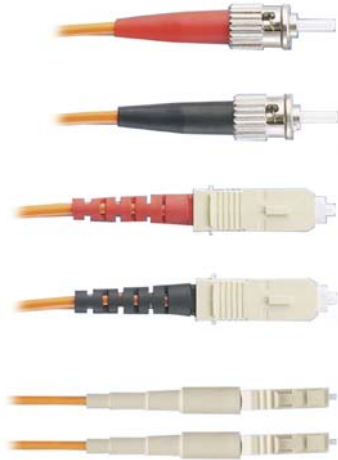


Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6410	FC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	1
10-6411	FC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	2
10-6412	FC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	3
10-6413	FC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	5
10-6414	FC/APC	SC/APC	9/125µm	2.9-3.0mm	Yellow	10

**Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling**

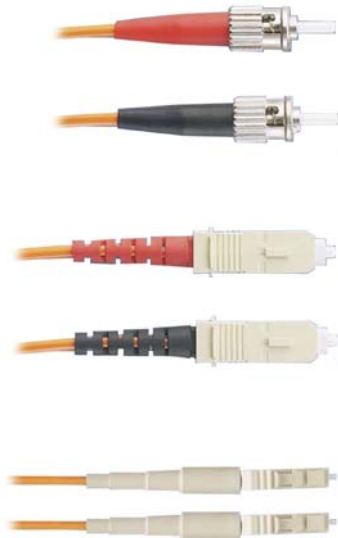
## MULTI MODE SIMPLEX JUMPERS

### 50/125µm



Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6266	ST	ST	50/125µm	2.9-3.0mm	Orange	1
10-6267	ST	ST	50/125µm	2.9-3.0mm	Orange	3
10-6268	ST	ST	50/125µm	2.9-3.0mm	Orange	5
10-6269	ST	ST	50/125µm	2.9-3.0mm	Orange	10
10-6270	SC	SC	50/125µm	2.9-3.0mm	Orange	1
10-6271	SC	SC	50/125µm	2.9-3.0mm	Orange	3
10-6272	SC	SC	50/125µm	2.9-3.0mm	Orange	5
10-6273	SC	SC	50/125µm	2.9-3.0mm	Orange	10
10-6274	LC	LC	50/125µm	2.9-3.0mm	Orange	1
10-6275	LC	LC	50/125µm	2.9-3.0mm	Orange	3
10-6276	LC	LC	50/125µm	2.9-3.0mm	Orange	5
10-6277	LC	LC	50/125µm	2.9-3.0mm	Orange	10

### 62.5/125µm

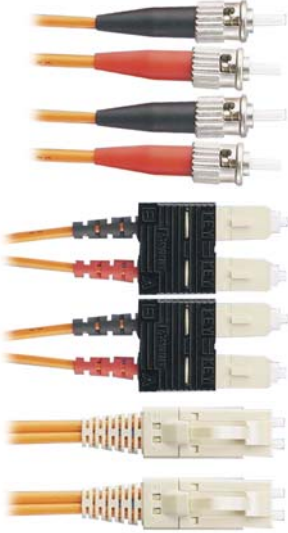


Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6241	ST	ST	62.5/125µm	2.9-3.0mm	Orange	1
10-6242	ST	ST	62.5/125µm	2.9-3.0mm	Orange	2
10-6243	ST	ST	62.5/125µm	2.9-3.0mm	Orange	3
10-6244	ST	ST	62.5/125µm	2.9-3.0mm	Orange	5
10-6245	ST	ST	62.5/125µm	2.9-3.0mm	Orange	10
10-6246	SC	SC	62.5/125µm	2.9-3.0mm	Orange	1
10-6247	SC	SC	62.5/125µm	2.9-3.0mm	Orange	2
10-6248	SC	SC	62.5/125µm	2.9-3.0mm	Orange	3
10-6249	SC	SC	62.5/125µm	2.9-3.0mm	Orange	5
10-6250	SC	SC	62.5/125µm	2.9-3.0mm	Orange	10
10-6251	LC	LC	62.5/125µm	2.9-3.0mm	Orange	1
10-6252	LC	LC	62.5/125µm	2.9-3.0mm	Orange	2
10-6253	LC	LC	62.5/125µm	2.9-3.0mm	Orange	3
10-6254	LC	LC	62.5/125µm	2.9-3.0mm	Orange	5
10-6255	LC	LC	62.5/125µm	2.9-3.0mm	Orange	10

**Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling**

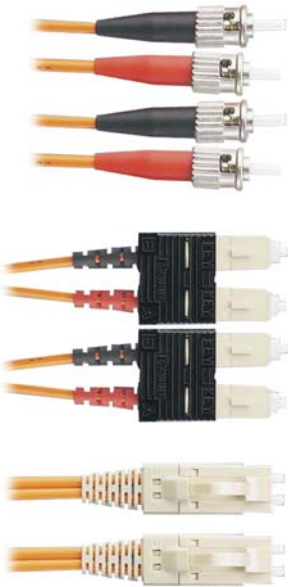
## MULTI MODE DUPLEX JUMPERS

### 50/125µm



Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6194	ST	ST	50/125µm	2.9-3.0mm	Orange	1
10-6195	ST	ST	50/125µm	2.9-3.0mm	Orange	3
10-6196	ST	ST	50/125µm	2.9-3.0mm	Orange	5
10-6197	ST	ST	50/125µm	2.9-3.0mm	Orange	10
10-6198	SC	SC	50/125µm	2.9-3.0mm	Orange	1
10-6199	SC	SC	50/125µm	2.9-3.0mm	Orange	3
10-6200	SC	SC	50/125µm	2.9-3.0mm	Orange	5
10-6201	SC	SC	50/125µm	2.9-3.0mm	Orange	10
10-6202	LC	LC	50/125µm	2.9-3.0mm	Orange	1
10-6203	LC	LC	50/125µm	2.9-3.0mm	Orange	3
10-6204	LC	LC	50/125µm	2.9-3.0mm	Orange	5
10-6205	LC	LC	50/125µm	2.9-3.0mm	Orange	10

### 62.5/125µm

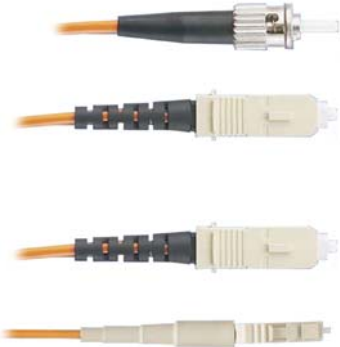


Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6278	ST	ST	62.5/125µm	2.9-3.0mm	Orange	1
10-6279	ST	ST	62.5/125µm	2.9-3.0mm	Orange	2
10-6280	ST	ST	62.5/125µm	2.9-3.0mm	Orange	3
10-6281	ST	ST	62.5/125µm	2.9-3.0mm	Orange	5
10-6282	ST	ST	62.5/125µm	2.9-3.0mm	Orange	10
10-6283	SC	SC	62.5/125µm	2.9-3.0mm	Orange	1
10-6284	SC	SC	62.5/125µm	2.9-3.0mm	Orange	2
10-6285	SC	SC	62.5/125µm	2.9-3.0mm	Orange	3
10-6286	SC	SC	62.5/125µm	2.9-3.0mm	Orange	5
10-6287	SC	SC	62.5/125µm	2.9-3.0mm	Orange	10
10-6288	LC	LC	62.5/125µm	2.9-3.0mm	Orange	1
10-6289	LC	LC	62.5/125µm	2.9-3.0mm	Orange	2
10-6290	LC	LC	62.5/125µm	2.9-3.0mm	Orange	3
10-6291	LC	LC	62.5/125µm	2.9-3.0mm	Orange	5
10-6292	LC	LC	62.5/125µm	2.9-3.0mm	Orange	10

**Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling**

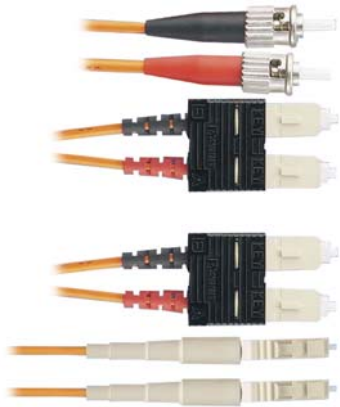
## MULTI MODE HYBRID JUMPERS

### Simplex



Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6256	ST	SC	62.5/125µm	2.9-3.0mm	Orange	1
10-6257	ST	SC	62.5/125µm	2.9-3.0mm	Orange	2
10-6258	ST	SC	62.5/125µm	2.9-3.0mm	Orange	3
10-6259	ST	SC	62.5/125µm	2.9-3.0mm	Orange	5
10-6260	ST	SC	62.5/125µm	2.9-3.0mm	Orange	10
10-6261	SC	LC	62.5/125µm	2.9-3.0mm	Orange	1
10-6262	SC	LC	62.5/125µm	2.9-3.0mm	Orange	2
10-6263	SC	LC	62.5/125µm	2.9-3.0mm	Orange	3
10-6264	SC	LC	62.5/125µm	2.9-3.0mm	Orange	5
10-6265	SC	LC	62.5/125µm	2.9-3.0mm	Orange	10

### Duplex



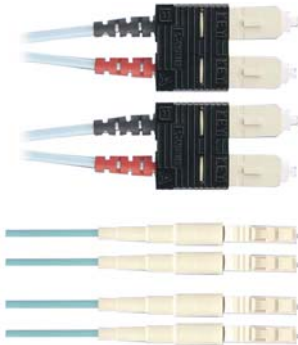
Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6184	ST	SC	62.5/125µm	2.9-3.0mm	Orange	1
10-6185	ST	SC	62.5/125µm	2.9-3.0mm	Orange	2
10-6186	ST	SC	62.5/125µm	2.9-3.0mm	Orange	3
10-6187	ST	SC	62.5/125µm	2.9-3.0mm	Orange	5
10-6188	ST	SC	62.5/125µm	2.9-3.0mm	Orange	10
10-6189	SC	LC	62.5/125µm	2.9-3.0mm	Orange	1
10-6190	SC	LC	62.5/125µm	2.9-3.0mm	Orange	2
10-6191	SC	LC	62.5/125µm	2.9-3.0mm	Orange	3
10-6192	SC	LC	62.5/125µm	2.9-3.0mm	Orange	5
10-6193	SC	LC	62.5/125µm	2.9-3.0mm	Orange	10

**Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling**

## 10 GIG MULTI MODE DUPLEX JUMPERS

Point-of-Sale Bags Include Fiber Cable, Test Data & Labeling

50/125µm



Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6229	SC	SC	50/125µm	3.0mm	Aqua	1
10-6230	SC	SC	50/125µm	3.0mm	Aqua	2
10-6231	SC	SC	50/125µm	3.0mm	Aqua	3
10-6232	SC	SC	50/125µm	3.0mm	Aqua	5
10-6237	LC	LC	50/125µm	3.0mm	Aqua	1
10-6238	LC	LC	50/125µm	3.0mm	Aqua	2
10-6239	LC	LC	50/125µm	3.0mm	Aqua	3
10-6240	LC	LC	50/125µm	3.0mm	Aqua	5



Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling

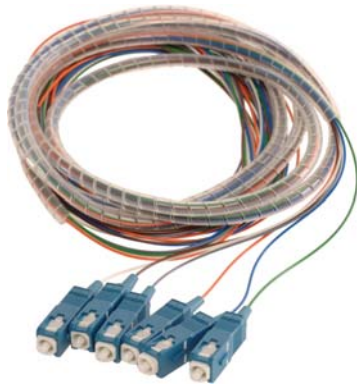


## PIGTAILS, SPIRAL WRAPPED

For Use In Rack And Wall Mount Fiber Distribution Enclosures

Stock ID	# 1 Connector	# 2 Connector	Cable Core/Clad	Cable Jacket	Cable Color	Length (m)
10-6415	(6) SC/UPC	(6) Pigtails	9/125µm	900µm	Multi	3
10-6416	(12) SC/UPC	(12) Pigtails	9/125µm	900µm	Multi	3
10-6417	(6) SC/APC	(6) Pigtails	9/125µm	900µm	Multi	3
10-6418	(12) SC/APC	(12) Pigtails	9/125µm	900µm	Multi	5
065-089-10	(6) ST/APC	(6) Pigtails	9/125µm	900µm	Multi	3
065-090-10	(12) ST/APC	(12) Pigtails	9/125µm	900µm	Multi	3
065-180-10	(12) LC/UPC	(12) Pigtails	9/125µm	900µm	Multi	3

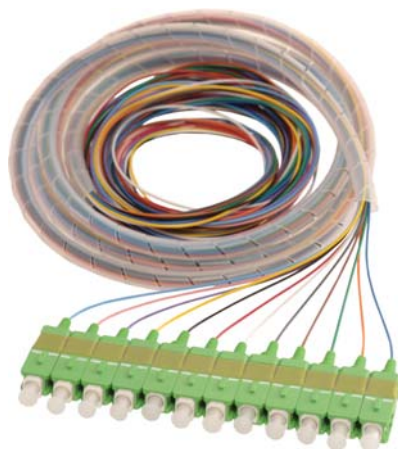
All Pigtails Are Spiral Wrapped



(6) SC/UPC SHOWN  
(10-6415)



(12) LC/UPC SHOWN  
(065-180-10)



(12) SC/APC SHOWN  
(10-6418)

Point-Of-Purchase Packaging Sale Bags Include Fiber Cable, Test Data & Labeling

## FIBER MANAGEMENT SPOOLS



### ROUND SPOOL

<b>Stock ID</b>	649-040-10
<b>Description</b>	Round Spool
<b>Bend Radius</b>	1.25"
<b>Overall Size</b>	1.25" H x Ø2.50" spool x Ø3.25" flange
<b>Mounting</b>	Pressure sensitive adhesive/ 1x Ø0.21" Mounting hole
<b>Material/ Color</b>	Plastic, black
<b>UOM</b>	Each



### ROUND SPOOL

<b>Stock ID</b>	999124
<b>Description</b>	Round Spool
<b>Bend Radius</b>	1.50"
<b>Overall Size</b>	1.30"H x Ø3.00" spool x Ø4.70" flange
<b>Mounting</b>	2x Ø0.21" Mounting hole
<b>Material/ Color</b>	Plastic, black
<b>UOM</b>	Each



### HALF ROUND SPOOL

<b>Stock ID</b>	10-7766
<b>Description</b>	Half Round Spool (2 pcs shown)
<b>Bend Radius</b>	1.25"
<b>Overall Size</b>	1.36" H x Ø2.50" spool x Ø3.50" flange
<b>Mounting</b>	1x Ø0.16" mounting hole
<b>Material/ Color</b>	Plastic, black
<b>UOM</b>	Each



### HALF ROUND SPOOL

<b>Stock ID</b>	10-3621
<b>Description</b>	Half Round Spool (2 pcs shown)
<b>Bend Radius</b>	1.75"
<b>Overall Size</b>	2.75"H x Ø3.50" spool x Ø4.50" flange
<b>Mounting</b>	2x Ø0.356" x 0.50" Slot, both ends 1x Ø0.125" x 0.80" Slot, both ends
<b>Material/ Color</b>	Plastic, black
<b>UOM</b>	Each

## FIBER MANAGEMENT STRAPS & TIES



### WIRE MANAGEMENT STRAP

<b>Stock ID</b>	99944K
<b>Description</b>	Wire Management Strap
<b>Overall Size</b>	0.63"W x Ø1.50" max.
<b>Mounting</b>	Pressure sensitive adhesive
<b>Material/ Color</b>	Velcro® brand, black
<b>UOM</b>	50 pieces/pack



### WIRE MANAGEMENT LOOP TIE

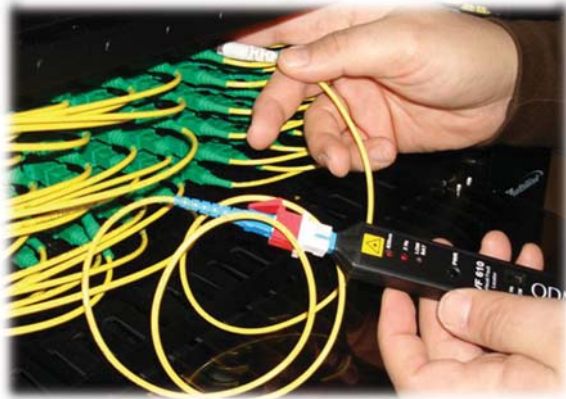
<b>Stock ID</b>	99000000FUT8AK
<b>Description</b>	Wire Management Loop Tie, 8" length
<b>Overall Size</b>	0.50"W x 8.0"L
<b>Material/ Color</b>	Velcro® brand, black
<b>UOM</b>	25 pieces/pack
<b>Stock ID</b>	99000000FUT12AK
<b>Description</b>	Wire Management Loop Tie, 12" length
<b>Overall Size</b>	0.50"W x 12.0"L
<b>Material/ Color</b>	Velcro® brand, black
<b>UOM</b>	25 pieces/pack



### HEAVY DUTY CINCH TIE

<b>Stock ID</b>	999119
<b>Description</b>	Heavy Duty Cinch Tie, 12"
<b>Overall Size</b>	0.75"W x 12.0"L
<b>Material/ Color</b>	Velcro® brand strap w/plastic buckle, black
<b>UOM</b>	Each
<b>Stock ID</b>	999120
<b>Description</b>	Heavy Duty Cinch Tie, 18"
<b>Overall Size</b>	0.75"W x 18.0"L
<b>Material/ Color</b>	Velcro® brand strap w/plastic buckle, black
<b>UOM</b>	Each

## MULTILINK & ODM Tools & Test Equipment Overview



### RP 420 - Optical Power Meter

#### Features

- RP 420 – 850/1300/1550nm
- Audible and visual indication of 2kHz presence
- Compact pocket size
- Simple push button activation
- Accepts all connector styles with unique ODM connector interface



#### ORDERING INFORMATION AND SPECIFICATIONS

Stock ID	Part #	Description
085-018-10	RP 420	Germanium optical continuity meter 850/1310/1550nm, includes battery

### RP 440 - Optical Power Meter

#### Features

- RP 440 – 850/1310/1550nm
- RP 440/FTTx – 1310/1490/1550nm
- Audible indication of 2kHz Tone
- Compact custom design for field or laboratory
- Low cost, Long battery life
- Accepts all connector styles with unique ODM connector interface



#### ORDERING INFORMATION AND SPECIFICATIONS

Stock ID	Part #	Description
085-019-10	RP 440-02	Germanium power meter 850/1310/1550nm, includes battery
085-020-10	RP 440 02/FTTx	Germanium power meter 1310/1490/1550nm, includes battery
085-021-10	RP 440 03	InGaAs power meter probe 850/1310/1550nm, includes battery
085-022-10	RP 440 03/FTTx	InGaAs power meter probe 1310/1490/1550nm, includes battery

## MULTILINK & ODM Tools & Test Equipment Overview

### RP 450 - Optical Power Meter

#### Features

- 850/1300/1310/1490/1550nm
- .01 dB resolution
- "zero" set reference feature
- low cost, pocket size



#### ORDERING INFORMATION AND SPECIFICATIONS

Stock ID	Part #	Description
085-023-10	RP 450-02	Germanium, 0.1db Zero/set Ref-RP 450-02
085-024-10	RP 450-03	InGaAs, 1.01db Zero/set Ref- RP 450-03
085-025-10	RP 450-04	Filtered in InGaAs 1.01db Zero/set RP 450-04

### RP 455 - Optical Power Meter

#### Features

- 850/1300/1310/1490/1550nm
- .01 dB resolution
- "zero" set reference feature
- Low cost, pocket size



#### ORDERING INFORMATION AND SPECIFICATIONS

Stock ID	Part #	Description
085-026-10	RP 455-02	Germanium, 0.1db Zero/set Ref-RP 450-02
085-027-10	RP 455-03	InGaAs, 1.01db Zero/set Ref- RP 450-03
085-028-10	RP 455-04	Filtered in InGaAs 1.01db Zero/set RP 450-04

### RP 460 - Optical Power Meter

#### Features

- Measurements at 850/1300/1310/1490 or 1550nm
- .01db Resolution
- "zero" set reference feature
- Multi-mode, Single-mode
- Three models to choose from (-50dbm, -60dbm or +23 to -40dbm)
- NIST traceable
- 1,000 date storage location with USB download



#### ORDERING INFORMATION AND SPECIFICATIONS

Stock ID	Part #	Description
085-029-10	RP 460-02	Germanium, 0.1db Zero/set Ref-RP 450-02
085-030-10	RP 460-03	InGaAs, 1.01db Zero/set Ref- RP 450-03
085-031-10	RP 460-04	Filtered in InGaAs 1.01db Zero/set RP 450-04

## MULTILINK & ODM Tools & Test Equipment Overview

### TP 210, 230 - Optical LED Source

#### Features

- General purpose stable optical source for laboratory or field
- TP 210 - 850nm LED / TP 230 - 1300nm LED
- Fiber Identification 2kHz generator for use with 2kHz receive probe (RP 400) or with non-invasive optical fiber identifiers
- Compact pocket size, rugged custom design for field or laboratory

#### ORDERING INFORMATION AND SPECIFICATIONS

Stock ID	Part #	Description
085-042-10	TP 210	Transmit Probe, 850nm LED, includes Battery and ST Connector
085-045-10	TP 230	Transmit Probe, 1300nm LED, includes Battery and ST Connector
085-048-10	DLS 350	850/1300nm Dual LED Source, SC



### TP 220, 240 & 250 - Optical Laser Source

#### Features

- General purpose stable optical laser source for laboratory or field
- TP 220-1310nm laser / TP 240-1490nm laser / TP 250-1550nm laser
- Fiber Identification 2kHz generator for use with 2kHz receive probe (RP 400) or with non-invasive optical fiber identifiers
- Compact pocket size, rugged custom design for field or laboratory

#### ORDERING INFORMATION AND SPECIFICATIONS

Stock ID	Part #	Description
085-044-10	TP 220	Transmit Probe, 1310nm laser, includes battery and SC connector
085-046-10	TP 240	Transmit Probe, 1490nm laser, includes battery and SC connector
085-047-10	TP 250	Transmit Probe, 1550nm laser, includes battery and SC connector
085-049-10	DLS 355	1310/1550 Dual Laser, SC



### VF 610 - Visual Fault Locator

#### Features

- High Output, up to 1 mW visible 635nm red laser
- SC connector
- Compact pocket size, rugged custom design for field or laboratory
- 2 Hz or CW modes of operation

#### ORDERING INFORMATION AND SPECIFICATIONS

Stock ID	Part #	Description
085-062-10	VF 610	Unit includes SC connector output with adapter, battery, padded carry case and instruction card
085-065-10	VF601-2.5mm	Same as VF610, except with 2.5mm connector



## COMPUTER LABEL PRINTERS



HARDWARE FEATURES	PT -1650	PT-9500PC
Tape Line	TZ	TZ & AV
Sizes* (Inches)	1/4, 3/8, 1/2, 3/4 & 1	1/4, 3/8, 1/2, 3/4, 1 & 1-1/2
Print Resolution	180 dpi	360 dpi
Max Print Height	18.1mm	27.1mm
Display	15 Characters x 2 Lines	N/A
Tape Cutter	Manual	Auto
AV Label Printing	-	Yes
Power Source Batteries** AC Adapter**	6 "AA" , AD-24	AD-9000
SOFTWARE FEATURES		
Number Of Lines	7	16
Time & Date	-	-
Fonts	1	TrueType
Type Sizes (Height/Width Variations)	29	Scalable
Type Styles	6	64
Auto Formats	10	94
Number Of Symbols	147	1379(Windows) 870(Mac)
Bar Codes	9	15
Repeat Printing	Up To 99 Copies	Up To 5,000 Copies
Auto Numbering	1-99, A-Z, a-z	1-5,000, A-Z, a-z
Mirror Printing	Yes	Yes
Vertical Printing	Yes	Yes
PACKAGING CONTENTS		
Includes	6 AA Batteries, 1" Flexible ID Tape, 1/2" Extra Strength, Adhesive Tape, Adjustable Wrist/Neck Strap, Carry Case, Rubber Impact Guards, USB Cable, P-T Editor	1-1/2"Black/White Starter Tape, AC Adapter, USB Cable, PT Editor/Printer Driver, (PC or Mac), Tape Catch Tray, Serial Interface Cable
ACCESSORIES		
Carry Case**	CC-2000 Included	N/A
DIMENSIONS		
Unit Dimensions (Inches)	4.6 x 9.4 x 3.2	4.6 x 5.0 x 7.5
Unit Weight (Lbs.)	1.3	2.6
Packaging Dimensions (Inches)	14.25 x 4.6 x 13.6	13.11 x 9.75 x 7.75
Master Pack Unit Qty.	3	3

**Contact Multilink, Inc. for more information  
www.multilinkone.com or 1.440.366.6966**

## SPLICE TRAYS

### Splice Trays

All of the Multilink splice trays are universal to the industry. These trays are compatible with all of our enclosures. The splice trays provide protection and organization of fiber splices. Adhesive backed fiber insert holders and assorted cable ties included (grommets included on the 3030-SSTP).



Weight: - .35 lbs.

Model #	Stock ID	Description	Dimensions
1120-SSTA	70902K	Aluminum 12 Single Fiber Splice Tray	7"L x 4.75"W x .50"D



Weight: - .65 lbs.

Model #	Stock ID	Description	Dimensions
2000-SSTA	70506K	Aluminum 24 Single Fiber Splice Tray	12.25"L x 4"W x .50"D



Weight: - .54 lbs.

Model #	Stock ID	Description	Dimensions
3000-SSTA	70505K	Aluminum 24 Single Fiber Splice Tray	8.5"L x 5.8"W x .50"D



Weight: - .54 lbs.

Model #	Stock ID	Description	Dimensions
2020-SSTP	70709K	Plastic & Aluminum 24 Single Fiber Splice Tray	12.25"L x 4"W x .50"D



Model #	Stock ID	Description	Dimensions
4048-SSTP	10-8007	Plastic 24 Single Fiber Splice Tray	8.25"L x 6"W x .50"D



Model #	Stock ID	Description	Dimensions
4072-SSTP	065-001-10	Splice Tray 36 single 72 Dual stacked, 144 Mass Splice Capacity	11.75"L x 5.75"W x .50"D

## ADDENDUM TO CATALOG





# Multilink<sup>®</sup>

25 YEARS

**ENGINEERED TO MAKE THE DIFFERENCE! SINCE 1983**

## **WORLDWIDE SALES, SERVICES AND MANUFACTURING**



### **HOME OFFICE**

E-Mail: [engsupport@multilinkone.com](mailto:engsupport@multilinkone.com)  
587 Ternes Avenue • P.O. Box 955 • Elyria, OH 44035  
Phone: 440.366.6966 • Fax: 440.366.6802  
24 Hour Voice Messaging • Worldwide Distribution

© Multilink, Inc. • All Rights Reserved • Volume 19 • CA-300-058 May 2008

**FOR MORE INFORMATION**  
[www.multilinkone.com](http://www.multilinkone.com)

