4024-D Starfighter™ Dome Enclosure

The Multilink Starfighter 4024-D Fiber Optic Dome Splice closure is an "all parts" inclusive hermetically sealed splice enclosure designed for ease of assembly and re-entry. The closure is designed with a gasketed split end plate for midaccess cable applications and an easy to install "no special tool" sealing system. All major hardware is factory installed to allow for quick field installation. Universal grommets along with compression style lateral or branch cable seals, makes installing the enclosure easy. The 4024-D is a small capacity closure that can be used in aerial, pedestal, and underground applications.

Features & Benefits
• Completely sealed with compression seal technology
• Ease in installation requiring no special tools
• GR-771 and CATV industry compliant
• Mid-access design for installation over existing cables without disturbing a working cable
• Capacity: (4) 612 - SSTP - 48 Single Fusion Splices

Specifications

| Exterior Closure Length	15.3" (38.9cm)
Exterior Closure Diameter	8.5" (21.59cm)
Cable Entry	(2) Express / Feeder / (4) Branch or Lateral
Express/Feeder Cable Diameter Max. Min.	 .75" (19mm) .30" (7.62mm)
Branch/Lateral Cable Diameter Max. Min.	 .63" (16mm) .27" (6.9mm)
Weight	6.5 lbs (3kg)
Material	Dome - Polyethylene, End Plates - Glass Filled Polypropylene, V-Band - Polypropylene

Ordering

Stock ID	Description	Dimensions	Wt. Lbs.	UOM
020-059-10	4024-D Starfighter Fiber Optic Dome Splice Enclosure with 1 Splice Tray	15.3" L x 8.5" D	6.5 lbs (3kg)	Each
065-209-10	612-SSTP Splice Tray, 12 Single/24 Ribbon Splice Capacity	6" L x 2.75" W x .75" D	0.10 lbs.	Each
10-8362	4024-D-AHK Aerial Hanger Kit	1" x 2" x 6"	2 lbs.	Pair
072-002-10	4024-D-W/P Wall / Pole Mounting Kit	2" x 4" x 15"	2 lbs.	Each
072-002-20	4024-D-SS ADSS Mounting Kit	N/A	3 lbs.	Each
10-8181	4024-D-CAK Cable Addition Kit	N/A	1 lbs.	Each
10-7166	Compression Wrench for 3/4" NPT Fittings Aluminum	N/A	0.5 lbs.	Each

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4024-D Starfighter™ Dome Enclosure

A-B   C-D   E   F   G   H
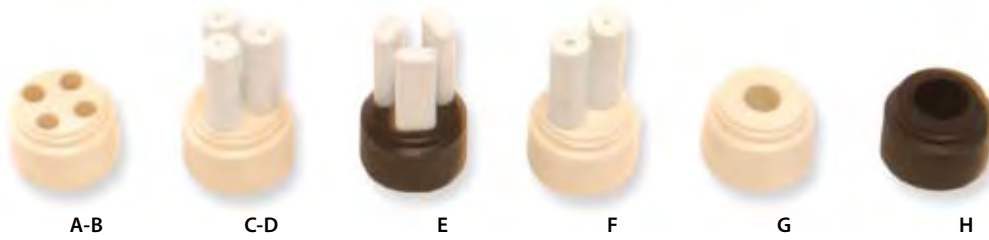
GROMMET INSERTS FOR 3/4" NPT FITTINGS

	Single	10 Pack	# of Holes	Description / Size of Cable	Wt. Lbs.	UOM
A	10-8084	10-8096	4	.20 -.24 (5mm - 6mm)	0.5	Each
B	10-8087	10-8106	4	.16 -.20 (4mm - 5mm)	0.5	Each
C	10-8085	10-8097	3	.24 -.28 (6.1mm - 7.1mm)	0.5	Each
D	10-8090	10-8109	3	.16 -.20 (4mm - 5mm)	0.5	Each
E	10-8092	10-8111	3	Ob-Round Holes For Flat Drop Cable	0.5	Each
F	10-8091	10-8110	2	.25 -.29 (6.3mm - 7.4mm)	0.5	Each
G	10-8088	10-8107	1	.27 -.31 (6.85mm - 7.87mm)	0.5	Each
H	10-9999	10-5414	1	.32 -.46 (8.12mm - 11.68mm)	0.5	Each

4024-D Cable Addition Kit
10-8181

.310 DIA

.460 DIA

.310 DIA

.460 DIA

Strain Relief Bracket for 3/4" NPT Fitting

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4048-D Starfighter™ Dome Enclosure

The Multilink Starfighter™ 4048D Fiber Optic Dome Splice Closure is an "all parts" inclusive hermetically sealed splice enclosure designed for ease of assembly and re-entry. The closure is designed with a gasketed split end plate for mid-access cable applications and includes an integrated slack storage basket, interlocking splice trays via a modified keyhole style stacking module, and an easy to install no special tool sealing system. All major hardware is factory installed to allow for quick field installation. Universal grommets along with compression style lateral or branch cable seals, makes installing the enclosure easy to assemble. The 4048D is a medium capacity closure that can be used in aerial, pedestal, and underground applications.

Features & Benefits
- Completely sealed with compression seal technology
- Ease in installation requiring no special tools
- GR-771 and CATV industry compliant
- Mid-access design for installation over existing cables without disturbing a working cable
- Capacity: (4) 4048 - SSTP - 96 Single Fusion Splices
- RUS Listed

Specifications

Exterior Closure Length	19"
Exterior Closure Diameter	8.5"
Cable Entry	(2) Express / Feeder / (4) Branch or Lateral
Express/Feeder Cable Diameter Max. Min.	.75" (19mm) .30" (7.62mm)
Branch/Lateral Cable Diameter Max. Min.	.63" (16mm) .27" (6.9mm)
Weight	7.5 lbs.
Dome	Polyethylene, End Plates - Glass Filled Polypropylene, V-Band - Polypropylene

Ordering

Stock ID	Description	Dimensions	Wt. Lbs.	UOM
10-8365	4048-D Starfighter Fiber Optic Dome Splice Enclosure with 1 Splice Tray	19" L x 8.5" D	7.5 lbs.	Each
10-9126	4048-D Starfighter Fiber Optic Dome Splice Enclosure w/ Pedestal	40" L x 10" D	28.5 lbs.	Each
10-8007	4048-SSTP Splice Tray 24 Single/48 Ribbon Splice Capacity	9.75" L x 4.5" W x .5" D	0.57 lbs.	Each
10-8362	4048-D-AHK Aerial Hanger Kit	1" x 2" x 6"	2 lbs.	Pair
072-001-10	4048-D-W/P Wall / Pole Mounting Kit	19"L x 1.5" W x 3.7"H	2 lbs.	Each
072-002-20	4048-D-SS ADSS Mounting Kit	N/A	3 lbs.	Each
10-8181	4048-D-CAK Cable Addition Kit	N/A	1 lbs.	Each
10-7166	Compression Wrench for 3/4" NPT Fittings Aluminum	N/A	0.5 lbs.	Each
065-058-10	4048-D Slack Rack Steel/Powder Coated, Black	N/A	0.5 lbs.	Each

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4048-D Starfighter™ Dome Enclosure

Grommet Inserts for 3/4" NPT Fittings

	A-B	C-D	E	F	G	H

	Single	10 Pack	# of Holes	Description / Size of Cable	Wt. Lbs.	UOM
A	10-8084	10-8096	4	.20 -.24 (5mm - 6mm)	0.5	Each
B	10-8087	10-8106	4	.16 -.20 (4mm - 5mm)	0.5	Each
C	10-8085	10-8097	3	.24 -.28 (6.1mm - 7.1mm)	0.5	Each
D	10-8090	10-8109	3	.16 -.20 (4mm - 5mm)	0.5	Each
E	10-8092	10-8111	3	Ob-Round Holes For Flat Drop Cable	0.5	Each
F	10-8091	10-8110	2	.25 -.29 (6.3mm - 7.4mm)	0.5	Each
G	10-8088	10-8107	1	.27 -.31 (6.85mm - 7.87mm)	0.5	Each
H	10-9999	10-5414	1	.32 -.46 (8.12mm - 11.68mm)	0.5	Each

4048-D Cable Addition Kit
10-8181

.310 DIA

.460 DIA

.310 DIA

.460 DIA

Strain Relief Bracket for 3/4" NPT Fitting

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4000-D Starfighter™ Dome Enclosure

The Starfighter 4000-D Dome Splice Closure is designed for above or below grade applications and supports up to 6 or more cable entries. The closure has a unique gasketed Split End Plate system that allows for midaccessing cable up to 1.125" in diameter. Branch or lateral cables can be added to any one of four compression seal entry ports. Multiple cables (up to 6) can also be installed utilizing multi-port grommets available for the closure. The closure requires no special tools, adhesives, or mastics for installation. Integrated slack storage and hinged trays allow for maximum storage and access of fiber and fiber bundles. Splice capacity of 288 single fusion splices using the 4072-SSTP tray 36 splice.

Features & Benefits
- Completely sealed with compression seal technology
- Ease in installation requiring no special tools
- GR-771 and CATV industry compliant
- Mid-access design for installation over existing cables without disturbing a working cable
- Can be used for above or below grade applications
- Capacity: w/ (8) 4048 - SSTP - 192 Single Fusion Splices or
    Capacity: w/ (8) 4072 - SSTP - 288 Single Fusion Splices
- RUS Listed

Specifications

Exterior Closure Length	23.75" (60.33cm)
Exterior Closure Diameter	10" (25.4cm)
Cable Entry	(2) Express / Feeder / (4) Branch or Lateral
Express/Feeder Cable Diameter Max. Min.	 1.12" (28.5mm) .375" (9.5mm)
Branch/Lateral Cable Diameter Max. Min.	 .98" (24.9mm) .30" (7.62mm)
Weight	12.5 lbs (5.67kg)
Material	Dome - Polyester, End Plates - Glass Filled Polypropylene, V-Band - Polypropylene

Ordering

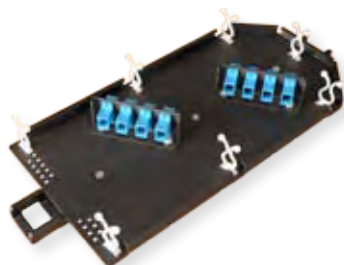| Stock ID	Description	Dimensions	Wt. Lbs.	UOM
10-8146	4000-D Starfighter Dome Splice Enclosure with one 4072-SSTP Splice Tray	22.0" L x 10.0" D	12.50	Each
020-002-20	4000-D Starfighter Dome Splice Enclosure with one 4048-SSTP Splice Tray	22.0" L x 10.0" D	12.50	Each
10-8007	4048-SSTP 24 Fiber Splice Tray	9.75" L x 4.5" W x 0.5" D	0.57	Each
065-001-10	4072-SSTP 36 Fiber Splice Tray	10.75" L x 5.75" W x 0.5" D	0.59	Each
10-5324	4000-D-AHK Aerial Hanger Kit	1" x 2" x 6"	2 lbs.	Pair
10-5335	4000-D-W/P Wall / Pole Mounting Kit	24"L x 2" W x 4"H	2 lbs.	Each
072-020-20	4000-D-SS ADSS Mounting Kit	N/A	3 lbs.	Each
10-6028	4000-D-CAK Cable Addition Kit	N/A	1 lbs.	Each
10-7167	Compression Wrench for 1" NPT Fittings Aluminum	N/A	0.5 lbs.	Each
10-6635	4000-D Assembly Stand	N/A	5 lbs.	Each

Order From:

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4000-D Starfighter™ Dome Enclosure

Interconnect Modules

Stock ID	Description	Dimensions	Wt. Lbs.	UOM
10-6074	4000-D-4PKSCU Interconnect Module with 4 SC/UPC Bulkheads	3" x 6" x 14"	2.0	Each
10-5416	4000-D-4PKSCA Interconnect Module with 4 SC/APC Bulkheads	3" x 6" x 14"	2.0	Each
10-9164	4000-D-16PKSCU Interconnect Module with 8 SC/UPC Duplex Bulkheads (Shown) Mounts In Same	3" x 6" x 14"	2.0	Each

Grommet Inserts for 1" NPT Fittings

A   B   C   D-E   F   G   H-I   J
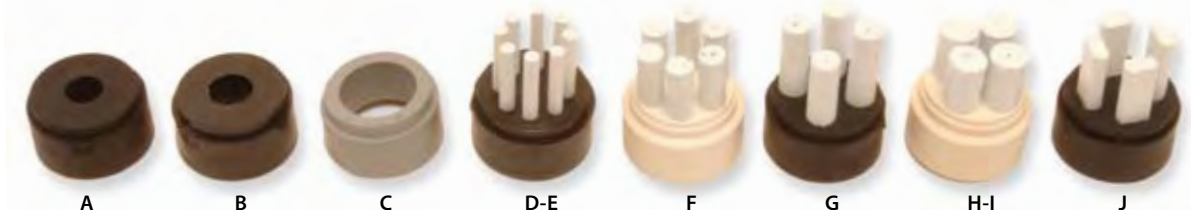
	Single	10 Pack	# of Holes	Description / Size of Cable	Wt. Lbs.	UOM
A	10-5552	10-5553	1	.3"-.4" Diameter Cable	0.5	Each
B	10-5127	10-5421	1	.41"-.5" Diameter Cable	0.5	Each
C	10-5128	10-5422	1	.51"-.79" Diameter Cable	0.5	Each
D	10-6554	10-6555	8	.060	0.5	Each
E	10-6550	10-6551	8	.150	0.5	Each
F	10-5129	10-5419	6	.265	0.5	Each
G	10-6552	10-6553	4	.300	0.5	Each
H	10-6002	10-6003	4	.350	0.5	Each
I	10-5130	10-5483	4	.370	0.5	Each
J	10-5134	10-5420	4	Ob-Round Holes for Flat Drop Cable	0.5	Each

4000-D Cable Addition Kit
10-6028

.510-.790 DIA

.410-.500 DIA

1" Plastic NPT Nut

1/2" x 1-1/16" Hose Clamp

Strain Relief Bracket for 1" NPT Fitting

.300-.400 DIA

1120-F Starfighter™ MiniButt

Starfighter 1120-F MiniButt™
holds four fiber cables

The 1120-F MiniButt Fiber Optic Splice Closure is designed for low count fiber splicing and in areas where space is a constraint. The closure incorporates an integrated gasket to prevent the ingress of water but to allow for ease in access.

Patent # 5732180

Features & Benefits

- Supports both Inline or Butt Configurations
- Lightweight and compact
- Up to four cable entries with cable OD range of .3" to .63"
- Suitable for above or below grade installations
- Constructed with impact and corrosion resistant materials
- Integrated "F" pressure testing valve and grounding lugs.
- Up to 24 single fusion or 48 mass fused fibers
- Equipped with all parts required for normal splicing applications
- Capacity: (2) 1120 - SSTA - 24 Single Fusion Splices
- RUS Listed

Specifications

Exterior Closure Length	15"(38.1cm)
Exterior Closure Width	6.5" (16.5cm)
Exterior Closure Height	3.5" (8.9cm)
Cable Entry	(4) Branch or Lateral
Cable Diameter Max. Min.	 .63" (16mm) .3" (7.6mm)
Material	5720U Xenoy

Stock ID	Description	Dimensions	Wt. Lbs.	UOM
70203K	1120-F Starfighter Minibutt	15" L x 6.5" W x 3" D (38cm x 16.5cm x 7.6cm)	6.0	Each
70205K	1120-F Starfighter Minibutt with One 1120-SSTA Splice Tray	15" L x 6.5" W x 3" D (38cm x 16.5cm x 7.6cm)	6.35	Each
70902K	1120-SSTA 12 Fiber Splice Tray	7" L x 4.75" W x .50" D	0.35	Each

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2000-F Starfighter™ Splice Closure
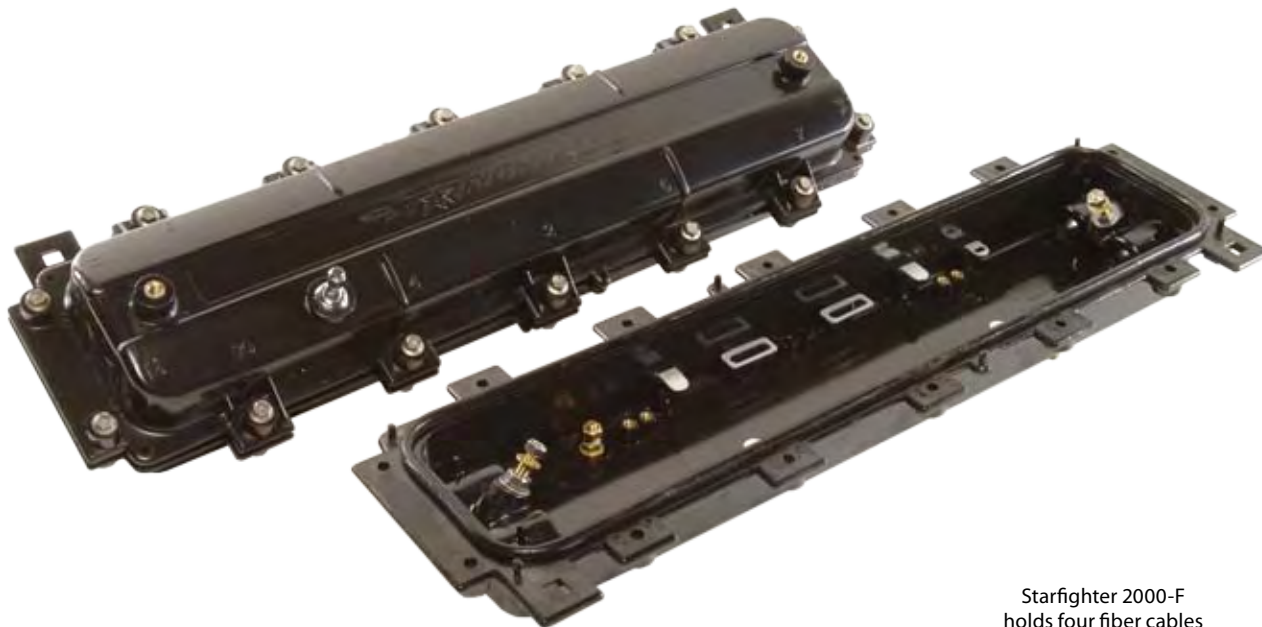
Starfighter 2000-F
holds four fiber cables

The Starfighter 2000-F is a medium capacity fiber optic splice closure designed for a majority of splicing applications in above and below grade installations. The closure supports both aluminum and plastic splice trays and is fully gasketed to prevent the ingress of water while allowing for ease in entry. The unit is compact and manufactured with highly impact and corrosion resistant materials.

Patent # 5732180

Features & Benefits
- Supports both Inline or Butt configurations
- Lightweight and compact
- Up to four cable entries with cable OD range of .3" to .63"
- Suitable for above or below grade installations
- Constructed with impact and corrosion resistant materials
- Integrated "F" pressure testing valve and grounding lugs
- Up to 72 single fusion or 144 mass fused fibers
- Equipped with all parts required for normal splicing applications
- Capacity: (3) 2000 - SSTA - 72 Single Fusion Splices
- Capacity: (3) 2020 - SSTA - 72 Single Fusion Splices
- RUS Listed

Specifications

Exterior Closure Length	24.5"(62.2cm)
Exterior Closure Width	8"(20.3cm)
Exterior Closure Height	5"(12.7cm)
Cable Entry	(4) Branch or Lateral
Branch/Lateral Cable Diameter Max. Min.	 .63" (16mm) .3" (7.6mm)
Material	5720U Xenoy

| Stock ID	Description	Dimensions	Wt. Lbs.	UOM
70304K	2000-F Starfighter	24.5" L x 8" W x 5" D (62.2cm x 20.3cm x 12.7cm)	9.0	Each
70302K	2000-F Starfighter with One 2000-SSTA Splice Tray	24.5" L x 8" W x 5" D (62.2cm x 20.3cm x 12.7cm)	9.0	Each
70506K	2000-SSTA 24 Fiber Splice Tray	11.75" L x 4" W x .5" D	.65	Each
70709K	2020-SSTP 24 Fiber Splice Tray	12.25" L x 4" W x .5" D	.54	Each

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3000-F Starfighter™ Splice Closure

A

B
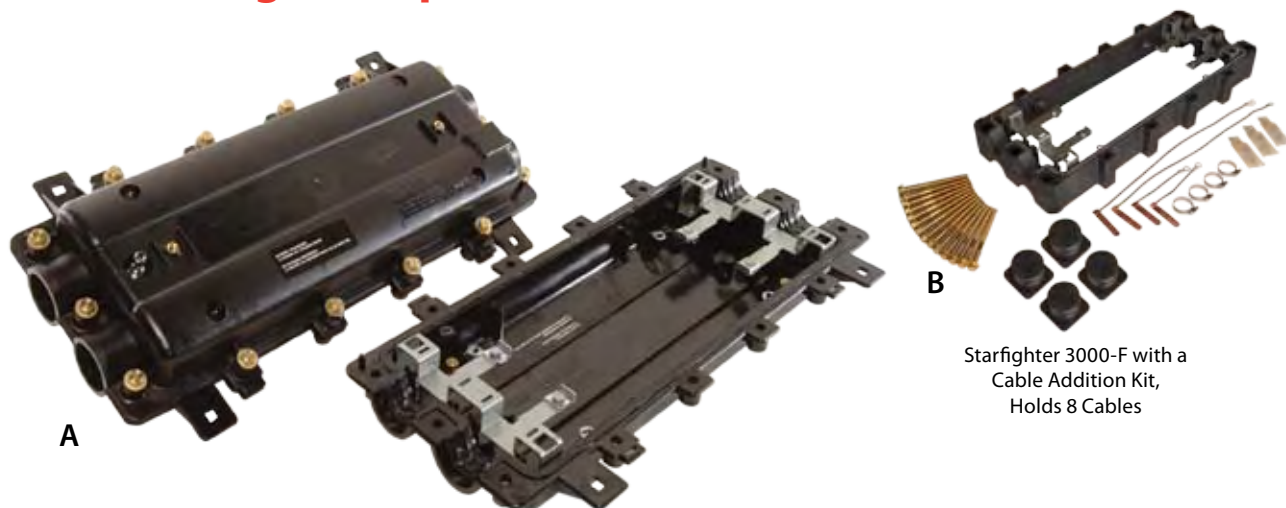
Starfighter 3000-F with a
Cable Addition Kit,
Holds 8 Cables

The Starfighter 3000-F is a high capacity splice closure designed for major splice points in the network. The closure supports both Inline and Butt configurations and is expandable utilizing an optional cable expansion kit. The closure utilizes gasketed sealing along with a patented cable seal which allows for mid-span access to the largest cables. The closure can be used in both above and below grade applications.

Patent # 5732180

Features & Benefits

- Mid-access cables up to 1.1" in diameter
- Supports both Inline or Butt configurations
- Up to eight cable entries with cable OD range of 0.3" to 1.1"
- Suitable for above or below grade installations
- Constructed with impact and corrosion resistant materials
- Integrated "F" pressure testing valve and grounding lugs
- Up to 288 single fusion or 576 mass fused fibers
- Equipped with all parts required for normal splicing applications
- Capacity: (6) 3000 - SSTA - 144 Single Fusion Splices
- Capacity: (6) 3030 - SSTP - 144 Single Fusion Splices
- Capacity: w/ 3000 CAK (12) - 288 Single Fusion Splices
- RUS Listed

Specifications

Exterior Closure Length	21.13" (53.66cm)
Exterior Closure Width	8.25" (20.96cm)
Exterior Closure Height	8" (20.32cm)
Cable Entry	(4) Branch or Lateral (8) with CAK
Cable Diameter Max. Min.	1.124" (28.55mm) .375" (9.525mm)
Material	5720U Xenoy

	Stock ID	Description	Dimensions	Wt. Lbs.	UOM
A	70575K	3000-F Starfighter	21" L x 9.63" W x 4.5" D (53.3cm x 21.6cm x 11.4cm)	10.0	Each
-	70536K	3000-F Starfighter with 1 3000-SSTA Splice Tray (Not Pictured)	21" L x 9.63" W x 4.5" D (53.3cm x 21.6cm x 11.4cm)	11.0	Each
-	70582K	3000-F Starfighter with 1 3030-SSTP Splice Tray (Not Pictured)	21" L x 9.63" W x 4.5" D (53.3cm x 21.6cm x 11.4cm)	11.0	Each
B	70314K	3000-CAK (Cable Addition Kit) Starfighter	21" L x 9.38" W x 3" D (53.3cm x 23.83cm x 7.62cm)	8.0	Each
-	70505K	3000-SSTA 24 Fiber Splice Tray	7.75" L x 6" W x .5" D	1.0	Each
-	70706K	3030-SSTP 24 Fiber Splice Tray	8.25" L x 5.75" W x .5" D	1.0	Each

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Starfighter™ Optical Terminal Enclosure

The OTE (Optical Terminal Enclosure) is designed to support the splicing of optical drops and traditional splicing in aerial, pole, or wall mount applications. The unit is an inline enclosure with four ports on each end. The OTE is constructed of a durable and impact resistant polyethylene material specifically formulated for outside plant environments. The unit can support express cabling as well as the addition of branch or lateral cabling. When used as a drop splicing enclosure, the OTE will support a variety of drop designs and provide the environmental sealing and strain relief required. Up to 36 drops can be supported in FTTH applications. The enclosure is supplied with all of the hardware required to seal and secure the express/feeder cables, and a (12) fiber splice tray.

10-6060

Features & Benefits

- Easy to assemble cable sealing and retention system.
- Reduces operating costs by allowing customers to purchase additional capacity only when needed.
- Reduces closure inventory. The enclosure is suitable for a wide variety of above grade installation and mounting applications.
- Universal above grade optical fiber splicing and termination capability.
- High impact resistant and UV resistant thermoplastic for long life.
- Supports PON components as well as optical connectorized terminations.
- Provides all in one sealing and strain relief of individual drops.
- Can support up to 36 individual drops.
- Mid-access capable for cables up to 1.125" in diameter.

Specifications

Exterior Closure Length	18.5"	**Standard Splice Trays**	4 (Enclosure comes equipped with 1 Tray)
Exterior Closure Depth	6.0"	**Standard Cables**	2 (Express Feeder)
Exterior Closure Height	11.5"	**FTTH/Lateral Ports**	6 Ports (Up to 36 Individual Drops)
Cable Entry Ports	(2) Express Feeder, (6) Branch Lateral, or Multiport*	**Standard Single Splices**	48
Express/Feeder Cable Diameter	Max. 1.124"/Min. 0.375"	**Branch/Lateral Cable Diameter**	Max. 0.98"/Min. 0.30"

Drop Seals or other cable seal kits, see ordering information
*Multiport Cable Seals are available to support up to 36 fiber drops for FTTH Applications

Ordering

Stock ID	Description	Dimensions	Weight	UOM
10-6060	Starfighter OTE Optical Termination Enclosure (Basic Enclosure)	18.5" L x11.5" W x 6" D	10 lbs.	Each
020-026-20	Starfighter OTE Optical Termination Enclosure (Basic Enclosure) w/ 6 Scout Adapters	18.5" L x11.5" W x 6" D	12 lbs.	Each
10-8007	4048-SSTP 24 Fiber Splice Tray	9.75" L x 4.5" W x 0.5" D	0.57 lbs.	Each
10-5435	Wall/Pole Mounting Bracket w/ Mounting Hardware	N/A	3 lbs.	Each
10-5436	Aerial Hanger Bracket Kit	N/A	N/A	Pair
10-5434	ADSS Mounting Bracket	N/A	N/A	Each

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