# 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.
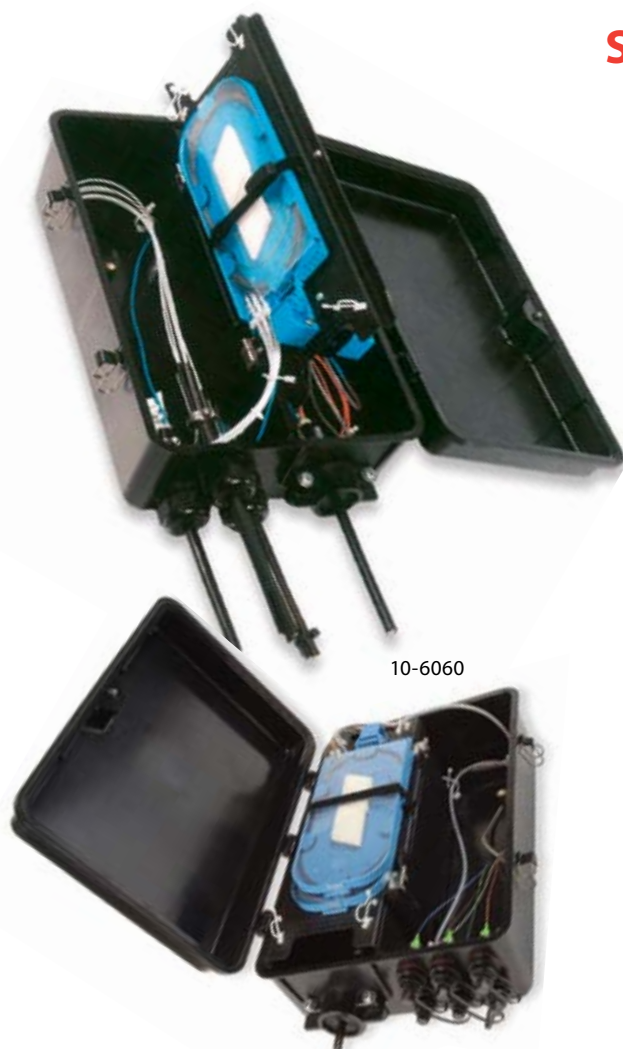
Specifications

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

Order From:

MULTICOM®

Toll Free: 800-423-2594
www.multicominc.com
multicom@multicominc.com

OTE Additional Options

A   B   C   D-E   F   G   H-I   J   K
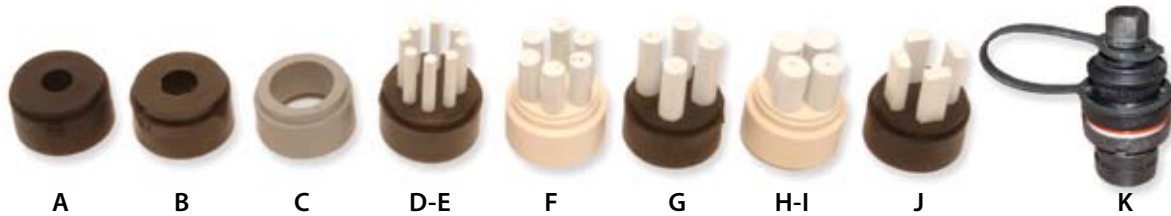
GROMMET INSERTS FOR 1" NPT FITTINGS

	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

1" NPT DOME FITTING

Stock ID	10-5122
Description	1" NPT Dome Fitting-Includes. Insert for
Dimensions	.71"- .98" Diameter Cable
Material	Plastic
UOM	Each

OTE CABLE ADDITION KIT

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

Order From: MULTICOM
Toll Free: 800-423-2594
www.multicominc.com
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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 |
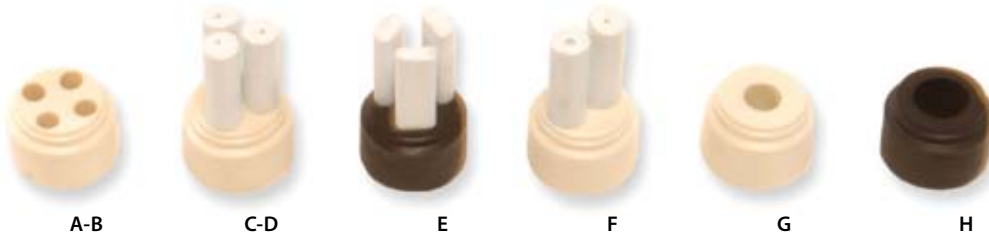
GROMMET INSERTS FOR 3/4" NPT FITTINGS

	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

Larger Splice Count Options

Stock ID	Description	Dimensions	Wt. Lbs	Max Splice Count
10-8365	4048-D w/4048 Splice Tray	19" L x 8.5" D	7.5	96
020-002-20	4000-D w/4048 Splice Tray	22" L x 10" D	12.50	192
10-8146	4000-D w/4072 Splice Tray	22" L x 10" D	12.50	288

Refer to the Network Product Solutions catalog for additional information.

Order From:

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Slack Storage

ADSS Mount

Strand Mount

16" Sno-Shoe shown with Strand
Mounting Bracket fully open

Product Description

The Multilink Plastic Sno-Shoe® has been designed with two purposes in mind. The first is to store additional lengths of fiber along the strand for later use. The second is to act as a safeguard, protecting the minimum bend radius of the fiber optic cable while establishing proper installation practices. The Multilink Plastic Sno-Shoe® is a durable and cost effective tool for storing fiber optic cable in the air! Standard Sno-Shoes are available in 7", 10", 16", and 21" sizes. Adjustable Sno-Shoes are available in 16" and 24" sizes to provide up to 87" of usable channel length. For more details please refer to the Network Product Solutions catalog.

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