3M™ Fiber Dome Closure Family

Reliable
Fiber
Protection

3M

More flexibility
for your complex
fiber optic
network

A full line of closures and accessories designed to protect fiber optic facilities in any environment. The 3M™ Fiber Dome Closure family has earned its reputation for reliable protection of fiber optic facilities. Now, the Fiber Dome Closure family includes new models and configurations for more flexibility to meet the complex needs of today's fiber optic networks.

3M™ Fiber Dome Closures:

- Intended to meet the needs of anyone using fiber optic splice closures in the long haul, metro, local access (xDSL, HFC, wireless backhaul) and FTTx feeder/distribution networks.

- Designed for butt, single or ribbon fiber applications.

- Tested to Telcordia's GR-771-CORE Generic Requirements for Fiber Optic Splice Closures.

- Require no special tools, which reduces tooling costs and allows for ease of installation and re-entry into the closure.

- Feature a fixed O-ring sealing system along with an innovative latching mechanism. This combination provides for simple, virtually error-free closure sealing and re-entry.

- Utilize the External Cable Assembly Module (ECAM) built-in cable entry port system, which allows true plug-and-play capability. This reduces installation and labor costs because the cable preparation and installation are completed outside of the closure body, and allows the tech to add/remove cables from the closure without breaking the cable seals of previously installed cables.
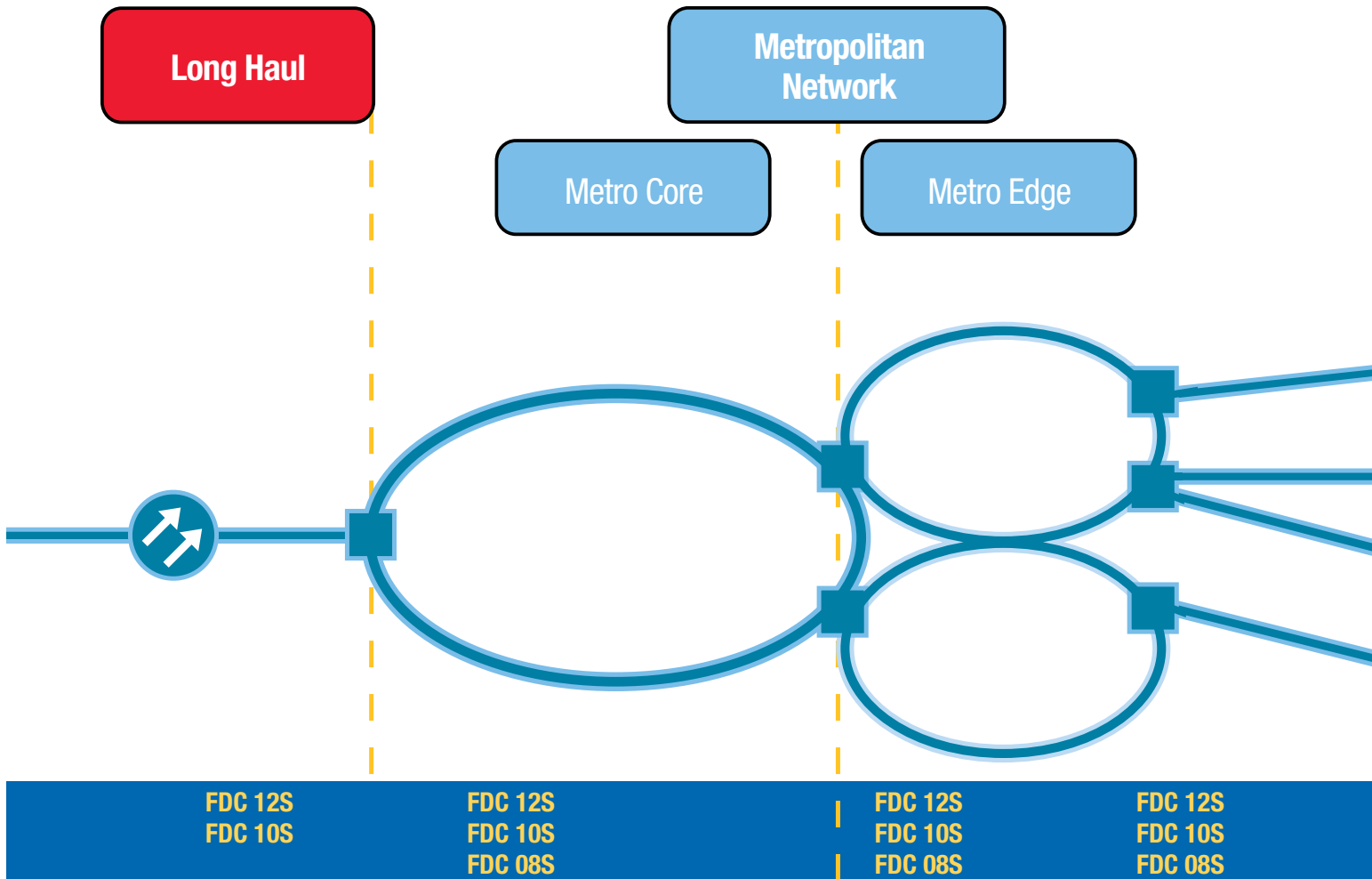
3M™ Fiber Dome Closure Family

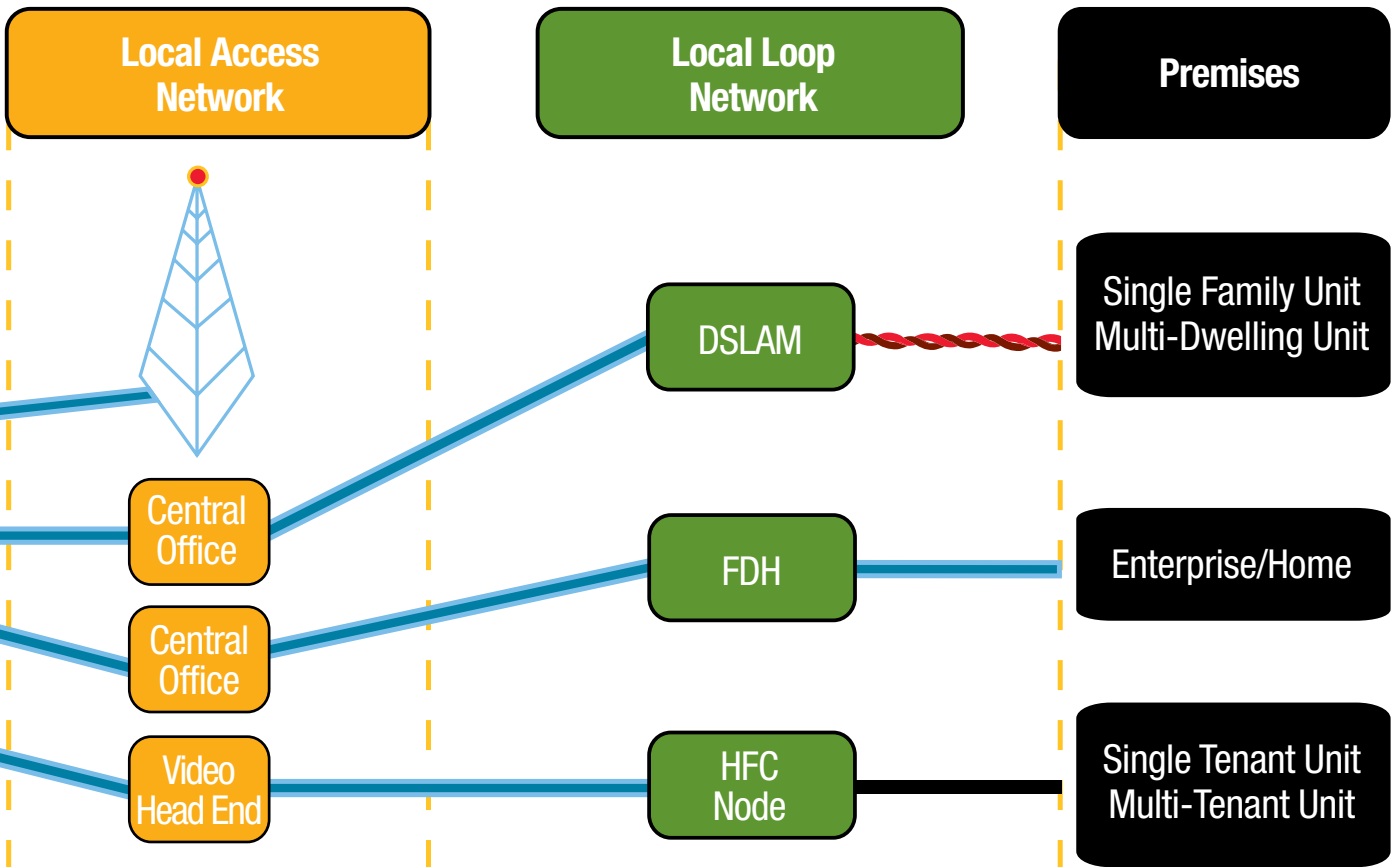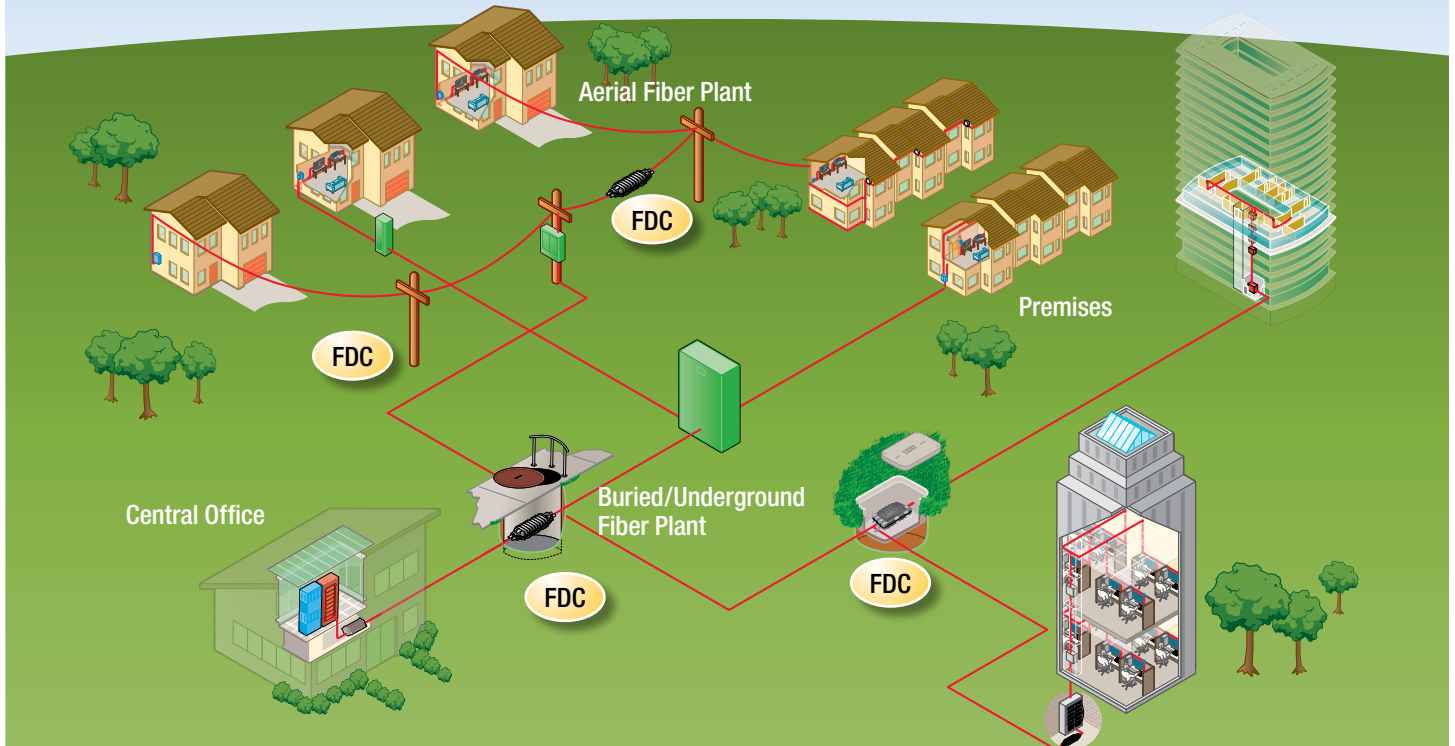| Features	Benefits
Complete product family	Four distinct sizes fit most butt/branch splicing configuration, outside plant environment, or application.
Constructed of highly chemical-resistant material	Can be deployed in most environments: buried, underground, and aerial.
ECAM port design	Allows true plug-and-play capability which can reduce installation and labor costs because the cable preparation and installation are completed outside of the closure body.
Built-in cable entry termination system	Allows the technician to add and remove cables from the closure without breaking the cable seals of previously installed cables.
Fixed O-ring seal	Easy, virtually error-free closure sealing and re-entry.
Built-in integral multipurpose fiber management system	Provides separate area for sorting, routing, protecting, and "expressing" buffer tubes, single and ribbon fibers.
Self-stacking hinged tray with modular splice holders	Allows easy access to fibers/splices without removing other trays. The modular splice holder design allows the trays to accommodate various fiber splice types: 2.4 mm & 3.0 mm single fusion, 12-fiber mass fusion, 3M™ Fibrlok™ Splices.
No special tools required	Allows ease of installation and re-entry.
Simple, error-free closure sealing & re-entry system	Fixed O-ring seal reduces the potential for craft error during the closure sealing process. Innovate latching mechanism provides for simple re-entry into closure by lifting the dome lid away from the base.

Multiple Solutions for Your Needs

3M designs a variety of sizes, and configuration options so that our 3M™ Fiber Dome Closures can be used in almost every segment of the network. A single product family meets a range of needs.

Long Haul	Metropolitan Network	
	Metro Core	Metro Edge

FDC 12S	FDC 12S	FDC 12S	FDC 12S
FDC 10S	FDC 10S	FDC 10S	FDC 10S
	FDC 08S	FDC 08S	FDC 08S

Flexible Environmental Applications within the Physical-Media Layer

Aerial Fiber Plant

FDC

FDC

Premises

Central Office

Buried/Underground
Fiber Plant

FDC

FDC

Local Access Network	Local Loop Network	Premises
		Single Family Unit Multi-Dwelling Unit
	DSLAM	
Central Office		Enterprise/Home
Central Office	FDH	
Video Head End	HFC Node	Single Tenant Unit Multi-Tenant Unit
FDC 12S FDC 10S FDC 08S FDC 08M	FDC 10S FDC 08S FDC 08M	

3M™ Fiber Dome Closure Family

MULTIPLE SOLUTIONS FOR EVOLVING NETWORKS.

The 3M Fiber Dome Closure family provides multiple real-world solutions with five key aspects.

A Complete Product Family

The 3M™ Fiber Dome Closure family includes five distinct sizes that fit most butt/branch splicing configurations, environment, or application. Because they are constructed of a highly chemical-resistant material, they can be deployed in most environments: buried, underground, and aerial. Their compact design allows the FDCs to be placed in the smallest pedestals and handholes.

ECAM Port Design

The 3M™ External Cable Assembly Module (ECAM) allows true plug-and-play capability, which can reduce installation and labor costs because the cable preparation and installation are completed outside of the closure body.

Built-in Cable Entry Termination System

This system allows the technician to add and remove cables from the closure without breaking the cable seals of previously installed cables.

Built-in Integral Multipurpose Fiber Storage System

The 3M Fiber Dome Closures have a separate area for sorting, routing, protecting and "expressing" buffer tubes, single and ribbon fibers.

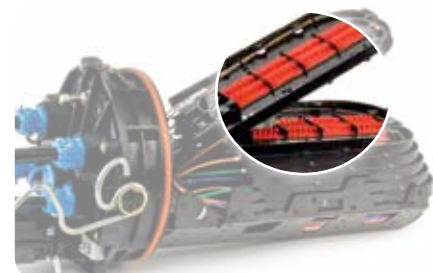### Hinged Tray with Modular Splice Holders

The hinged trays allow easy access to fibers/splices without removing other trays. The modular splice holder design allows the trays to accommodate various fiber splice types: 2.4 mm and 3.0 mm single fusion, 12-fiber mass fusion and 3M™ Fibrlok™ Fiber Splices.

Simple, Error-free Closure Sealing and Re-entry System

A fixed O-ring seal reduces the potential for craft error during the closure sealing process. Innovative latching mechanism provides for simple re-entry into closure by lifting the dome lid away from the base

ECAM Port Design and Built-in Cable Entry Termination System

Built-in Integral Multipurpose Fiber Storage System and Hinged Tray with Modular Splice Holders
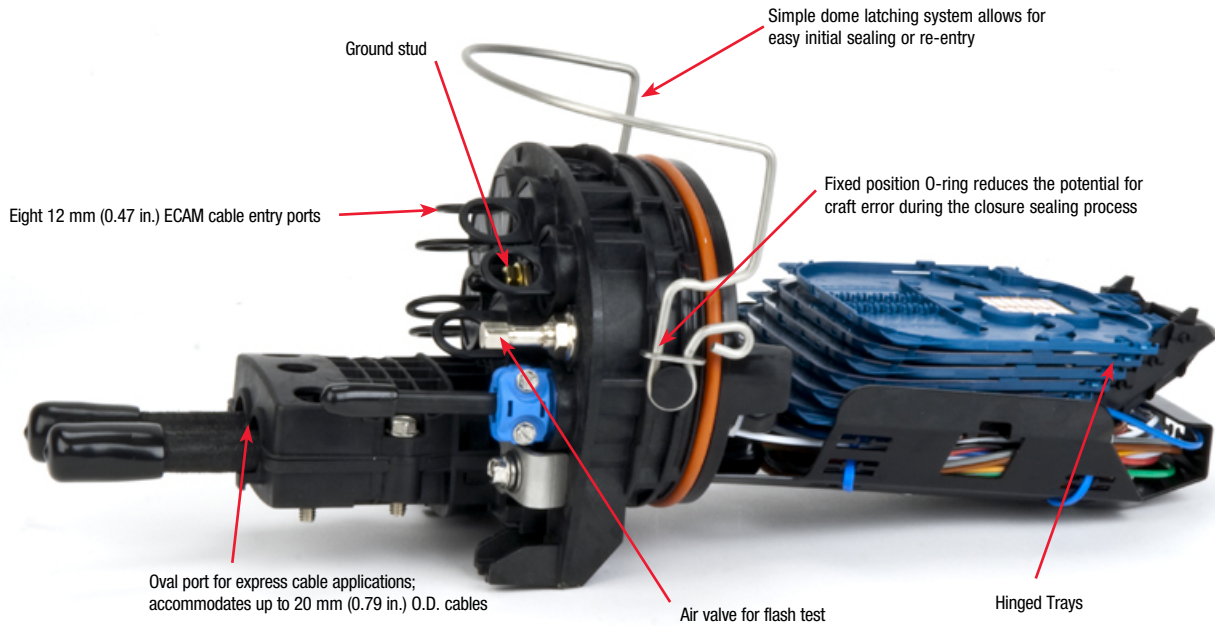
Simple, Error-free Closure Sealing and Re-entry System

3M™ Fiber Dome Closure Family

	Dimensions (L x H (dia.) x W) mm (in.)	Cable Entry Ports & Size (maximum)	Cable Entry Ports & Size (maximum)	Splice Capacity (maximum)	Splice Trays	Ground Studs (# of feed-thru studs)
Fiber Dome FDC 08M-A	385 x 182 x 152 (15.2 x 7.2 x 6.0)	Round Ports: 8 8: 12 mm (0.47 in.)	Oval Ports: 1 20 mm (0.79 in.) *for express applications	SF: 72 MF: 144	2539 2540	0 or 1
Fiber Dome FDC 08S-A	541 x 182 x 152 (21.3 x 7.2 x 6.0)	Round Ports: 8 8: 12 mm (0.47 in.)	Oval Ports: 1 27 mm (1.06 in.) *for express applications	SF: 96 MF: 288	2538 2539 2540	0 or 1
Fiber Dome FDC 08S-B	541 x 182 x 152 (21.3 x 7.2 x 6.0)	Round Ports: 3 1: 12 mm (0.47 in.) 2: 18 mm (0.71 in.)	Oval Ports: 1 20 mm (0.79 in.) *for express applications	SF: 96 MF: 288	2538 2539 2540	0, 3, or 5
Fiber Dome FDC 08S-C	541 x 182 x 152 (21.3 x 7.2 x 6.0)	Round Ports: 5 1: 12 mm (0.47 in.) 4: 18 mm (0.71 in.)	NA	SF: 96 MF: 288	2538 2539 2540	0, 3, or 5
Fiber Dome FDC 10S-D	548 x 255 (21.6 x 10.1)	Round Ports: 5 5: 18 mm (0.71 in.)	Oval Ports: 1 27 mm (1.06 in.) *for express applications	SF: 288 MF: 432	2541	0, 3, or 7
Fiber Dome FDC 10S-E	548 x 255 (21.6 x 10.1)	Round Ports: 7 7: 18 mm (0.71 in.)	NA	SF: 288 MF: 432	2541	0, 3, or 7
Fiber Dome FDC 12S-F	658 x 335 (25.9 x 13.2)	Round Ports: 5 4: 27 mm (1.06 in.)	Oval Ports: 1 27 mm (1.06 in.) *for express applications	SF: 576 MF: 864	2542	0, 3, 7, or 9

3M™ Fiber Dome Closure: FDC 08M

Ground stud

Simple dome latching system allows for easy initial sealing or re-entry

Eight 12 mm (0.47 in.) ECAM cable entry ports

Fixed position O-ring reduces the potential for craft error during the closure sealing process

Oval port for express cable applications; accommodates up to 20 mm (0.79 in.) O.D. cables

Air valve for flash test

Hinged Trays

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 12 mm

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 18 mm

3M™ Fiber Dome Closure FDC 08M-A

3M™ Fiber Dome Closure FDC 08M-B port layout

Specifications

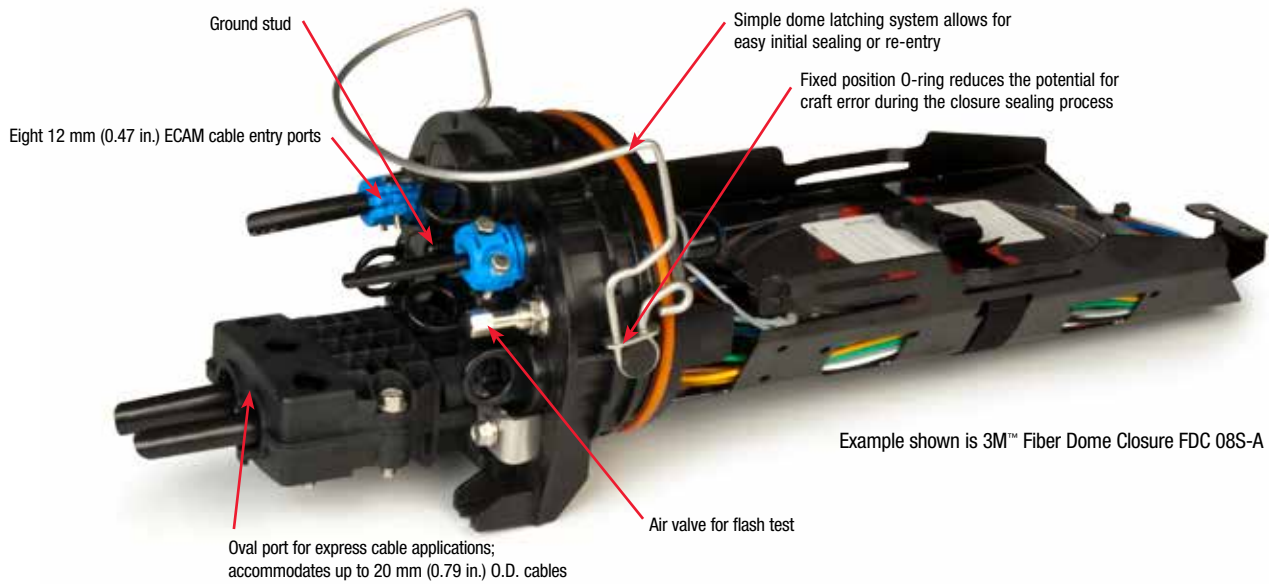|	FDC 08M-A	FDC 08M-B
Dimensions (L x H x W) mm (in.)	385 x 182 x 152 (15.2 x 7.2 x 6.0)	385 x 182 x 152 (15.2 x 7.2 x 6.0)
Cable Entry Ports & Cable Size	Round ports: 8 Round Cable 4 - 12 mm (0.15 - 0.47 in.) O.D. Oval ports: 1 for 2 express cables 8 - 20 mm (0.31 - 0.79 in.) O.D.	Round ports: 3 1: 4 - 12 mm (0.15 - 0.47 in.) O.D. 2: 5 - 18 mm (0.20 - 0.71 in.) O.D. Oval ports: 1 for 2 express cables 6.5 - 27 mm (0.26-1.06 in.) O.D.
Splice Capacity	SF: 48/72 MF: 144	SF: 48/72 MF: 144

3M™ Fiber Optic Splice Tray 2540

3M™ Fiber Optic Splice Tray 2539

3M™ Fiber Dome Closure: FDC 08S

Ground stud

Simple dome latching system allows for easy initial sealing or re-entry

Fixed position O-ring reduces the potential for craft error during the closure sealing process

Eight 12 mm (0.47 in.) ECAM cable entry ports

Example shown is 3M™ Fiber Dome Closure FDC 08S-A

Air valve for flash test

Oval port for express cable applications; accommodates up to 20 mm (0.79 in.) O.D. cables

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 12 mm

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 18 mm

3M™ Fiber Dome Closure FDC 08S-A port layout

3M™ Fiber Dome Closure FDC 08S-B port layout

Specifications

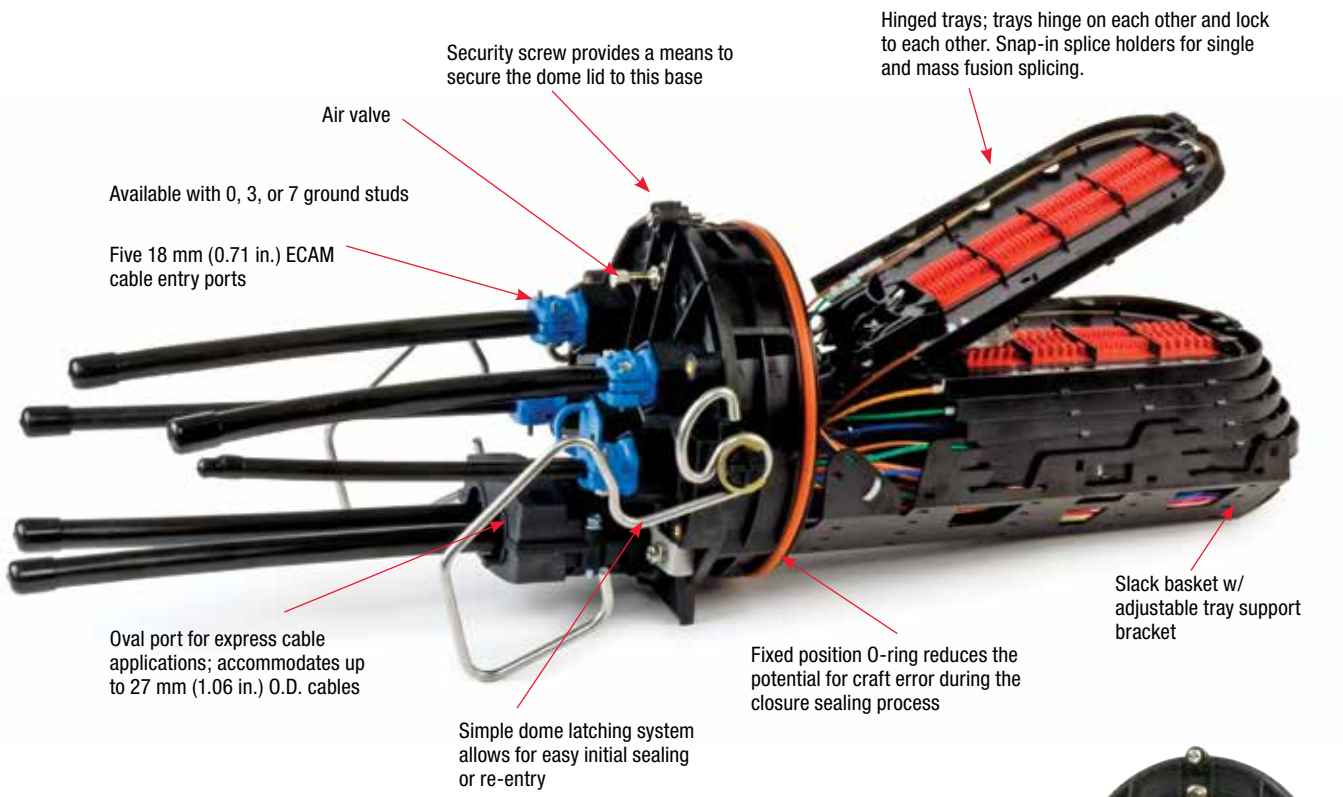|	FDC 08S-A	FDC 08S-B	FDC 08S-C
Dimensions (L x H x W) mm (in.)	541 x 182 x 152 (21.3 x 7.2 x 6.0)	541 x 182 x 152 (21.3 x 7.2 x 6.0)	541 x 182 x 152 (21.3 x 7.2 x 6.0)
Cable Entry Ports & Cable Size	Round ports: 8 Round Cable 4 - 12 mm (0.15 - 0.47 in.) O.D. Flat Cable 8.5 x 4.3 mm (0.33 x 0.17 in.) Oval ports: 1 for 2 express cables 8 - 20 mm (0.31 - 0.79 in.) O.D.	Round ports: 3 1: 4 - 12 mm (0.15 - 0.47 in.) O.D. 2: 5 - 18 mm (0.20 - 0.71 in.) O.D. Oval ports: 1 for 2 express cables 6.5 - 27 mm (0.26 - 1.06 in.) O.D.	Round Ports: 5 1: 4 - 12 mm (0.15 - 0.47 in.) O.D. 4: 5 - 18 mm (0.20 - 0.71 in.) O.D. NA
Splice Capacity	SF: 96 MF: 288	SF: 96 MF: 288	SF: 96 MF: 288

3M™ Fiber Optic Splice Tray 2540

3M™ Fiber Optic Splice Tray 2539

3M™ Fiber Optic Splice Tray 2538

3M™ Fiber Dome Closure FDC 10S

Security screw provides a means to secure the dome lid to this base

Air valve

Hinged trays; trays hinge on each other and lock to each other. Snap-in splice holders for single and mass fusion splicing.

Available with 0, 3, or 7 ground studs

Five 18 mm (0.71 in.) ECAM cable entry ports

Oval port for express cable applications; accommodates up to 27 mm (1.06 in.) O.D. cables

Simple dome latching system allows for easy initial sealing or re-entry

Fixed position O-ring reduces the potential for craft error during the closure sealing process

Slack basket w/ adjustable tray support bracket

3M™ Fiber Dome Closure FDC 10S-D port layout

Specifications

Features	FDC 10S-D	FDC 10S-E
Dimensions **L x H (dia.) mm (in.)**	549 x 257.0 (21.6 x 10.1)	547.8 x 257.0 (21.6 x 10.1)
Cable entry ports & size	Round ports: 5 5 - 18 mm (0.20 - 0.71 in.) Oval ports: 1 for 2 express cables 6.5 - 27 mm (0.26 - 1.06 in.) O.D. *for express applications	Round ports: 7 5 - 18 mm (0.20 - 0.71 in.) NA
Splice capacity	SF: 288 MF: 432	SF: 288 MF: 432

3M™ Fiber Splice Organizer 2541, 144 Mass Fusion Splices, 12 Ribbon Fiber

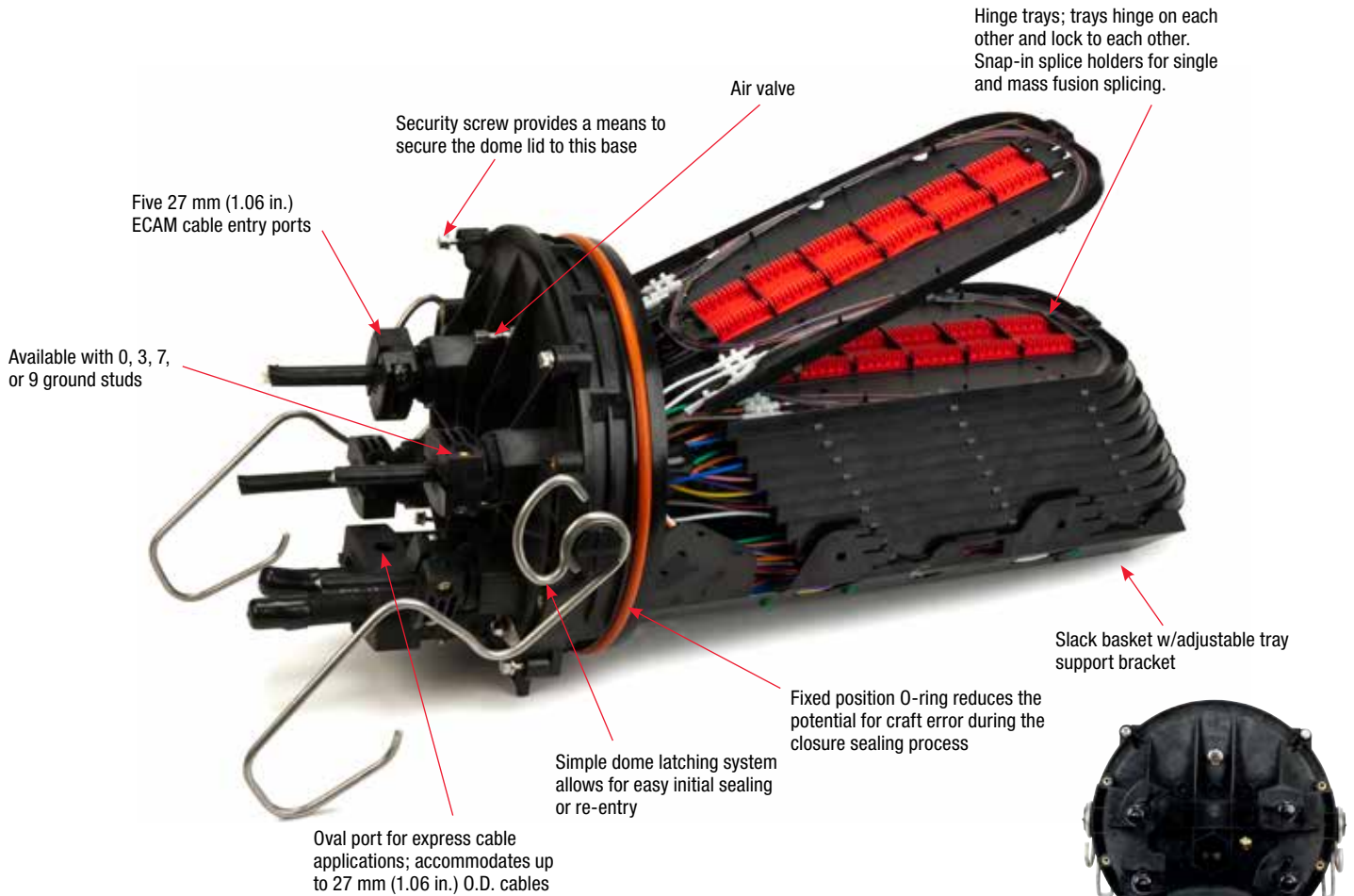3M™ Fiber Splice Organizer 2541, 48 Single 2.4 mm Fusion Splices

3M™ Fiber Splice Organizer 2541, 48 Single 3.0 mm Fusion Splices

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 18 mm

3M™ Fiber Dome Closure FDC 12S

Hinge trays; trays hinge on each other and lock to each other. Snap-in splice holders for single and mass fusion splicing.

Air valve

Security screw provides a means to secure the dome lid to this base

Five 27 mm (1.06 in.) ECAM cable entry ports

Available with 0, 3, 7, or 9 ground studs

Slack basket w/adjustable tray support bracket

Fixed position O-ring reduces the potential for craft error during the closure sealing process

Simple dome latching system allows for easy initial sealing or re-entry

Oval port for express cable applications; accommodates up to 27 mm (1.06 in.) O.D. cables

3M™ Fiber Dome Closure FDC 12S port layout

Specifications

Features	FDC 12S-F
Dimensions **L x H (dia.) mm (in.)**	658 x 335 (25.9 x 13.2)
Cable entry ports & size	Round ports: 5 5 - 27 mm (0.14 - 1.06 in.) Oval ports: 1 for 2 express cables 6.5 - 27 mm (0.26 - 1.06 in.) O.D.
Splice capacity	SF: 576 MF: 864

3M™ Fiber Splice Organizer 2542, 72 Single 2.4 mm Fusion Splices

3M™ Fiber Splice Organizer 2542, 288 Mass Fusion Splices, 12 Ribbon Fiber

3M™ Fiber Splice Organizer 2542, 72 Single 3.0 mm Fusion Splices

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 27 mm-S

3M™ Fiber Dome Closure FDC Family Ordering Information

3M™ FIBER OPTIC SPLICE CLOSURE FIBER DOME FAMILY CONFIGURATIONS

PRODUCT NBR	Product Description	3M ID	UPC	Oval Port Size	
FDC 08M					
FDC-08M-A-N0N-02B-A	FDC 08M-A with 1-20 mm double port & kit, 8-12 mm ports & 0 kits, 1 ground, 2539 tray (2)	80-6113-3084-8	0-00-51115-06056-4	20	
FDC-08M-A-N1N-01C-A	FDC 08M-A with 1-20 mm double port & kit, 8-12 mm ports & 1 kits, 1 ground, 2540 tray (1)	80-6113-3157-2	0-00-51115-06129-5	20	
FDC-08M-A-N0N-01C-A	FDC 08M-A with 1-20 mm double port & kit, 8-12 mm ports & 0 kits, 1 ground, 2540 tray (1)	80-6113-3085-5	0-00-51115-06057-1	20	
FDC-08M-B-N0N-01C-C	FDC 08M-B with 1-27 mm double port & kit, 2-18 mm ports & 0 kits, 1-12 mm ports & 0 kits, 0 grounds, 2540 tray (1)	80-6114-8195-5	0-00-51115-67760-1	27	
FDC 08S					
FDC-08S-A-N0N-01A-A	FDC 08S-A with 1-20 mm double port & kit, 8-12 mm ports & 0 kits, 1 ground, 2538 tray (1)	80-6113-3086-3	0-00-51115-06058-8	20	
FDC-08S-B-N00-01A-N	FDC 08S-B with 1-27 mm double port & kit, 2-18 mm ports & 0 kits, 1-12 mm ports & 0 kits, 0 grounds, 2538 tray (1)	80-6113-8026-4	0-00-51115-54086-8	27	
FDC-08S-B-N10-01A-C	FDC 08S-B with 1-27 mm double port & kit, 2-18 mm ports & 0 kits, 1-12 mm ports & 1 kit, 3 grounds, 2538 tray (1)	80-6113-8027-2	0-00-51115-54087-5	27	
FDC-08S-B-N00-02B-E	FDC 08S-B with 1-27 mm double port & kit, 2-18 mm ports & 0 kits, 1-12 mm ports & 0 kits, 5 grounds, 2539 tray (2)	80-6113-8028-0	0-00-51115-54088-2	27	
FDC-08S-B-N00-01A-C	FDC 08S-B with 1-27 mm double port & kit, 2-18 mm ports & 0 kits, 1-12 mm ports & 0 kits, 3 grounds, 2538 tray (1)	80-6113-3477-4	0-00-51115-53557-4	27	
FDC-08S-C-N02-01A-C	FDC 08S-C with 4-18 mm ports & 2 kits, 1-12 mm ports & 0 kits, 3 grounds, 2538 tray (1)	80-6113-2205-0	0-00-51115-22826-1	na	
FDC 10S					
FDC-10S-D-NN0-01F-C	FDC 10 with 1-27 mm double port & kit, 5-18 mm ports & 0 kits, 3 grounds, 2541-48-SF-3.0 mm tray (1)	80-6113-3478-2	0-00-51115-53558-1	27	
FDC-10S-D-NN2-01F-C	FDC 10 with 1-27 mm double port & kit, 5-18 mm ports & 2 kits, 3 grounds, 2541-48-SF-3.0 mm tray (1)	80-6113-2956-8	0-00-51115-30210-7	27	
FDC-10S-E-NN4-03F-E	FDC 10 with 7-18 mm ports & 4 kits, 5 grounds, 2541-48-SF-3.0 mm tray (3)	80-6113-3140-8	0-00-51115-06112-7	na	
FDC-10S-D-NN0-01F-G	FDC 10 with 1-27 mm double port & kit, 5-18 mm ports & 0 kits, 7 grounds, 2541-48-SF-3.0 mm tray (1)	80-6113-3075-6	0-00-51115-06047-2	27	
FDC-10S-D-NN2-01G-N	FDC 10 with 1-27 mm double port & kit, 5-18 mm ports & 2 kits, 0 grounds, 2541-144-SF/MF-12RF Tray(1)	80-6113-2957-6	0-00-51115-30211-4	27	
FDC-10S-D-NN0-00N-C	FDC 10 with 1-27 mm double port & kit, 5-18 mm ports & 0 kits, 3 grounds, no tray	80-6113-2958-4	0-00-51115-30212-1	27	
FDC 12S					
FDC 12S-F-2NN-01H-C	FDC 12 with 1-27 mm double port & kit, 5-27 mm ports & 2 kits, 3 grounds, 2542-72-SF-2.4 mm tray (1)	80-6113-3219-0	0-00-51115-06191-2	27	
FDC 12S-F-2NN-01J-C	FDC 12 with 1-27 mm double port & kit, 5-27 mm ports & 2 kits, 3 grounds, 2542-72-SF-3.0 mm tray (1)	80-6113-3221-6	0-00-51115-06193-6	27	
FDC 12S-F-2NN-01K-C	FDC 12 with 1-27 mm double port & kit, 5-27 mm ports & 2 kits, 3 grounds, 2542-288-MF tray (1)	80-6113-3223-2	0-00-51115-06195-0	27	

Oval Port Kits	12 mm Round Ports	12 mm Round Ports Kits	18 mm Round Ports	18 mm Round Ports Kits	27 mm Round Ports	27 mm Round Ports Kits	GND Studs	Type of GND Kit	# of GND Kits	Type of Tray	# of Trays
1	8	0	na	0	na	0	1	na	0	2539	2
1	8	1	na	0	na	0	1	na	0	2540	1
1	8	0	na	0	na	0	1	na	0	2540	1
1	1	0	2	0	na	0	3	na	0	2540	1
1	8	0	na	0	na	0	1	na	0	2538	1
1	1	0	2	0	na	0	0	na	0	2538	1
1	1	1	2	0	na	0	3	na	0	2538	1
1	1	0	2	0	na	0	5	na	0	2539	2
1	1	0	2	0	na	0	3	na	0	2538	1
0	1	0	4	2	na	0	3	na	0	2538	1
1	na	0	5	0	na	0	3	na	0	2541	1
1	na	0	5	2	na	0	3	na	0	2541	1
1	na	0	5	4	na	0	5	na	0	2541	3
1	na	0	5	0	na	0	7	na	0	2541	1
1	na	0	5	2	na	0	0	na	0	2541	1
1	na	0	5	0	na	0	3	na	0	2541	1
1	na	0	na	0	5	0	3	na	0	2541	1
1	na	0	na	0	5	0	3	na	0	2542	1
1	na	0	na	0	5	0	3	na	0	2542	1

3M™ Fiber Dome Closure Accessories

SPLICE TRAYS

PRODUCT NUMBER/ PACKAGING INFO	DESCRIPTION
2539-12-SF PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 0-00-51115-19209-8	**Fiber Optic Splice Tray with 12 Single Fusion Splices** Hinged tray that accommodates 12 single fusion splices. Only for FDC 08M and FDC 08S closures. 2.4 mm x 60 mm single fusion heat shrink sleeves required (2171 or equivalent).
2540-12-SF/36-MF PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 0-00-51115-19210-4	**Fiber Optic Splice Tray with 12 Single/36 Mass Fusion Splices** Hinged tray that accommodates up to 12 single fusion and 36 mass fusion splices. Only for FDC 08M and FDC 08S closures. 2.4 mm x 60 mm single fusion heat shrink sleeves required (2171 or equivalent).
2541-24-FL-1 PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 0-00-51128-83939-3	**Fiber Optic Splice Tray with 3M™ Fibrlok™ Splice Inserts** Hinged fiber splice organizer tray that includes two splice inserts for 3M™ Fibrlok™ Splices (six splices per insert) Only for FDC 10 closures.
2540M-12-SF/36-MF PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 0-00-51111-95334-1	**Fiber Optic Splice Tray with 12 Single/36 Mass Fusion Splices** Hinged metal tray that accommodates up to 12 single fusion and 36 mass fusion splices. For use with FDC 08M and FDC 08S closures. 3.0 mm x 60 mm single fusion heat shrink sleeves required (2170 or equivalent).
2541-144-MF-12RF PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 0-00-51115-30209-1	**Fiber Optic Splice Tray with 144 Mass Fusion Splices, 12 Ribbon Fiber** Hinged fiber splice organizer tray that accommodates 144 mass fusion splices. Only for FDC 10 closures.
2541-48-SF-2.4MM PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 0-00-51115-30207-7	**Fiber Optic Splice Tray with 48 Single 2.4 mm Fusion Splices** Hinged fiber splice organizer tray that accommodates 48 single 2.4 mm fusion splices. Only for FDC 10 closures.
2541-48-SF-3.0MM PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 0-00-51115-30208-4	**Fiber Optic Splice Tray with 48 Single 3.0 mm Fusion Splices** Hinged fiber splice organizer tray that accommodates 48 single 3.0 mm fusion splices. Only for FDC 10 closures.
2542-288-MF-12RF PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 0-00-51115-06198-1	**Fiber Optic Splice Tray with 288 Mass Fusion Splices, 12 Ribbon Fiber** Hinged fiber splice organizer tray that accommodates 288 mass fusion splices. Only for FDC 12 closures.
2542-72-SF-2.4MM PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 0-00-51115-06196-7	**Fiber Optic Splice Tray with 72 Single 2.4 mm Fusion Splices** Hinged fiber splice organizer tray that accommodates 72 single 2.4 mm fusion splices. Only for FDC 12 closures.
2542-72-SF-3.0MM PKG: 2 EACH MIN. ORDER: 2 EACH UPC: 0-00-51115-06197-4	**Fiber Optic Splice Tray with 72 Single 3.0 mm Fusion Splices** Hinged fiber splice organizer tray that accommodates 72 single 3.0 mm fusion splices. Only for FDC 12 closures.
2538-24-SF/72-MF PKG: 12 PKGS MIN. ORDER: 12 PKGS. UPC: 0-00-51115-19208-1	**Fiber Optic Splice Tray with 24 Single/ 72 Mass Fusion Splices** Stackable fiber splice organizer tray that accommodates 24 single or 72 mass fusion.

3M™ Fiber Dome Closure Accessories

SPLICE TRAYS (CONTINUED)

PRODUCT NUMBER/ PACKAGING INFO	DESCRIPTION
2170 **PKG: 50 EACH (0.10)** **MIN. ORDER: 50 EACH** **UPC: 0-00-54007-17676-3**	**Fiber Optic Splice Sleeve, 3.0 mm x 60 mm** Transparent plastic tube and stainless steel rod designed to prevent stress and protect fusion fiber optic splices in field and factory operations.
2171 **PKG: 50 EACH** **MIN. ORDER: 50 EACH** **UPC: 0-00-51115-14547-6**	**Fiber Optic Splice Sleeve, 2.4 mm x 60 mm** Transparent plastic tube and stainless steel rod designed to prevent stress and protect fusion fiber optic splices in field and factory operations.
2518-FO-LBT-2MM-TUBE-KIT **PKG: 6 EACH** **MIN. ORDER: 6 EACH** **UPC: 0-00-51115-26076-6**	**Fiber Transition Tube Kit for Loose Buffer Tube** The 2518 Kit is a 2 mm fiber transition tube kit for loose buffer tube cables. It is used to transition the fibers from the splice closure slack storage area to the splice tray.
2519 **PKG: 10 KITS** **MIN. ORDER: 10 KITS** **UPC: 0-00-51138-57722-3**	**Cable Fanout Kit** Transitions cable buffer tubes or single tube to fiber tube.
2519-X **PKG: 10 KITS** **MIN. ORDER: 10 KITS** **UPC: 0-00-51138-57723-0**	**Cable Fanout Expander Kit** Transitions one fiber tube to two fiber tubes.
2520 **PKG.(LBS.): 50 EACH (0.90)** **MIN. ORDER: 50 EACH** **UPC: 0-00-51138-36414-4**	**Fiber Tube Transition Tubing, 1 ft** Protects single or four 12-fiber ribbons between trays; cut in one-foot lengths.
2520-3FT **PKG: 24 EACH** **MIN. ORDER: 24 EACH** **UPC: 0-00-51138-36647-6**	**Fiber Tube Transition Tubing, 3 ft** Protects single or four 12-fiber ribbons between trays; cut in three-foot lengths.
2520-100FT **PKG: 1 EACH** **MIN. ORDER: 1 EACH** **UPC: 0-00-51115-26078-0**	**Fiber Tube Transition Tubing, 100 ft** Protects single or four 12-fiber ribbons between trays. Sold in a 100 ft. roll.
2521-F **PKG: 12 PKGS.** **MIN. ORDER: 12 PKGS.** **UPC: 0-00-51138-36412-0**	**Fusion Splice Insert, 2 Pack** Holds 12 single fusion splices in each insert, used in 3M™ Fiber Splice Organizer Trays 2538 3.0 mm x 60 mm single fusion heat shrink sleeve required (2170 or equivalent).
2521-FL **PKG: 12 PKGS.** **MIN. ORDER: 12 PKGS.** **UPC: 0-00-51138-36413-7**	**3M™ Fibrlok™ Splice Insert, 2 Pack** Holds six Fibrlok or mass fusion splices in each insert, used in 2538 trays. Accommodates single ceramic rod 12 fiber mass fusion sleeves or double ceramic rod 4 to 6 fiber mass fusion sleeves.

3M™ Fiber Dome Closure Accessories

EXTERNAL CABLE ASSEMBLY MODULES

ECAM-12MM
PKG: 8 EACH
MIN. ORDER: 8 EACH
UPC: 0-00-51115-19190-9

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 12 mm

Single ECAM cable entry kit that accommodates one round fiber optic cable with an outside diameter from 0.15 - 0.47 in. (4 - 12 mm) or one or two flat drop cables. For FDC 08M-A, FDC 08S-A and FDC 08S-B.

ECAM-12MM-S-ACT
PKG: 5 EACH
MIN. ORDER: 5 EACH
UPC: 0-00-51115-67016-9

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 12 mm Single ACT

Single ECAM cable entry kit that accommodates one armored central tube fiber optic cable with an outside diameter from 0.15 to 0.47 in. (4 to 12 mm). For FDC 08M and FDC 08S.

ECAM-12MM-FLAT-US
PKG: 5 EACH
MIN. ORDER: 5 EACH
UPC: 0-00-51115-26091-9

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 12 mm FLAT

Single ECAM cable entry kit that accommodates one or two flat drop cables. For FDC 08M and FDC 08S.

ECAM-12MM-FRP
PKG: 4 EACH
MIN. ORDER: 8 EACH
UPC: 0-00-51115-26092-6

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 12 mm FRP

Single ECAM cable entry kit that accommodates four FRP drop cables. For FDC 08M and FDC 08S.

ECAM-12MM-MF-US
PKG: 4 EACH
MIN. ORDER: 8 EACH
UPC: 0-00-51115-53701-1

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 12 mm MINIFLEX DUCT

Single ECAM cable entry kit that accommodates 8mm miniflex duct. For FDC 08M and FDC 08S.

ECAM-12MM-RND-5/8MM/12MM
PKG: 5 EACH
MIN. ORDER: 5 EACH
UPC: 0-00-51115-30244-2

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 12 mm RND

Single ECAM cable entry kit that accommodates 5 - 8 mm round drop cables. For FDC 08M and FDC 08S.

ECAM-18MM-S-ACT
PKG: 5 EACH
MIN. ORDER: 5 EACH
UPC: 0-00-51111-95483-6

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 18 mm Single ACT

Single ECAM cable entry kit that accommodates one armored central tube fiber optic cable with an outside diameter from 0.20 to 0.71 in. (5 to 18 mm). For FDC 08M, FDC 08S-B and FDC 10.

ECAM-18MM-S
PKG: 5 EACH
MIN. ORDER: 5 EACH
UPC: 0-00-51115-30204-6

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 18 mm Single

Single ECAM cable entry kit that accommodates one fiber optic cable with an outside diameter from 0.20 - 0.71 in. (5 - 18 mm). For FDC 08S-B and FDC 10.

ECAM-18MM-2RC
PKG: 5 EACH
MIN. ORDER: 5 EACH
UPC: 0-00-51115-54017-2

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 18 mm-2RC

Single ECAM cable entry kit that accommodates two round fiber optic cables with an outside diameter of 0.29 in. For FDC 08S-B and FDC 10.

3M™ Fiber Dome Closure Accessories

EXTERNAL CABLE ASSEMBLY MODULES (CONTINUED)

ECAM-18MM-MFC
PKG: 5 EACH
MIN. ORDER: 5 EACH
UPC: 0-00-51115-53874-2

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 18 mm-MFC

Single ECAM cable entry kit that accommodates three flat drop cables. For FDC 08S-B and FDC 10.

ECAM-20MM-D
PKG: 5 EACH
MIN. ORDER: 5 EACH
UPC: 0-00-51115-30205-3

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 20 mm Double

Double cable entry kit (DECAM) that accommodates two fiber optic cables up to 0.79 in. (20 mm) outside diameter. For FDC 08M-A and FDC 08S-A.

ECAM-27MM-S
PKG: 2 EACH
MIN. ORDER: 2 EACH
UPC: 0-00-51115-30203-9

3M™ External Cable Assembly Module (ECAM) Cable Entry Port 27 mm Single

Single ECAM cable entry kit that accommodates one fiber optic cable with an outside diameter from 0.45 - 1.06 in. (11.5 to 27 mm). For FDC 12 only.

GROUNDING

25T-BBE6
PKG: 1 EACH
MIN. ORDER: 1 EACH
UPC: 0-00-54007-32671-7

Bond Braid
With 6" eyelets.

4460-D
PKG: 100 EACH
MIN. ORDER: 100 EACH
UPC: 0-00-54007-71217-6

3M™ Scotchlok™ Shield Bond Connector Assembly
Provides grounding for armored fiber cables.

Flexibility
built in for growing networks

3M™ Fiber Dome Closure Accessories

GROUNDING (CONTINUED)

4460-D/FO
PKG: 100 EACH
MIN. ORDER: 100 EACH
UPC: 0-00-54007-92757-0

3M™ Scotchlok™ Shield Bond Connector Assembly
Provides grounding for armored fiber cables.

ECAM-GND-14-AWG
PKG: 100 EACH
MIN. ORDER: 2 EACH
UPC: 0-00-51115-19198-5

ECAM Cable Ground (14 AWG)
14 Gauge Ground Kit

ECAM-GND-6-AWG
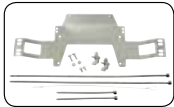PKG: 100 EACH
MIN. ORDER: 2 EACH
UPC: 0-00-51115-19196-1

ECAM Cable Ground (6 AWG)
6 Gauge Ground Kit w/4460-D 3M Shield Bond Connectors

MOUNTING HARDWARE

**PRODUCT NUMBER/
PACKAGING INFO**

DESCRIPTION

FD-08-AERIAL-SHB
PKG: 2 EACH
MIN. ORDER: 2 EACH
UPC: 0-00-51115-19201-2

Aerial Strand Mount Hanger Bracket
Aerial Strand Mount Bracket for FDC 08S.
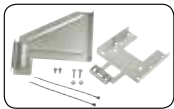
FD-08-HH-1730
PKG: 1 EACH
MIN. ORDER: 2 SETS
UPC: 0-00-51115-19200-5

Handhole Mounting Bracket for 17" x 30" Channell and Strongwell
Handhole Bracket for FDC 08S.

FDT-08-PED-CH
PKG: 2 EACH
MIN. ORDER: 2 EACH
UPC: 0-00-51115-19214-2

Pedestal Mounting Bracket for 10" Channel Pedestal
Channel MAH1010 Pedestal Mounting Bracket for FDC 08S and FDC 08M.

FDT-08-PED-CI
PKG: 2 EACH
MIN. ORDER: 2 EACH
UPC: 0-00-51115-19215-9

Pedestal Mounting Bracket for 8" Charles Ind. Pedestal
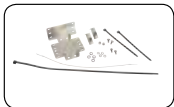Charles Industry 8" Pedestal Mounting Bracket for FDC 08S and FDC 08M.

AC-HB4
PKG: 10 SETS
MIN. ORDER: 2 EACH 10 SETS
UPC: 0-00-51115-19068-1

Aerial Offset Hanger Bracket, 4.0"
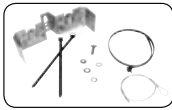For overlashing application.

FDST/FDT-08M-AERIAL-SHB
PKG: 2 EACH
MIN. ORDER: 2 EACH
UPC: 0-00-51115-06178-3

FDST/FDT 08M Aerial Strand Mount Hanger Bracket
Aerial Strand Mount Hanger Bracket for FDC 08M.
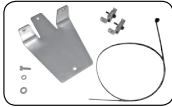
MOUNTING HARDWARE (CONTINUED)

	FDST/FDT-08M-POLE/PED-HB **PKG: 2 EACH** **MIN. ORDER: 2 EACH** **UPC: 0-00-51115-06177-6**	**FDST/FDT 08M Pedestal or Pole Mounting Bracket** Bracket for FDC 08M and FDC 08S.
	FDC-10/12-AERIAL-SHB **PKG: 2 EACH** **MIN. ORDER: 2 EACH** **UPC: 0-00-51115-06199-8**	**Aerial Strand Mount Hanger Bracket** Aerial Strand Mount Hanger Bracket for FDC 10 and FDC 12.
	FD-08-PED-EMPF-08/10/12 **PKG: 2 EACH** **MIN. ORDER: 2 EACH** **UPC:0-00-51155-67445-5**	**Pedestal Mounting Bracket for 8", 10" and 12" Emerson Pedestal** Emerson 8", 10" and 12" Pedestal Mounting Bracket for FDC 08S and FDC 08M.

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