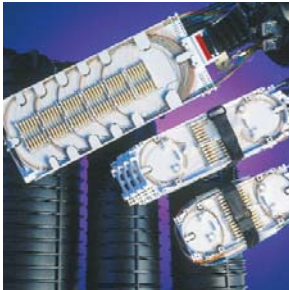


## Fiber Optic Splice Closures (FOSC)



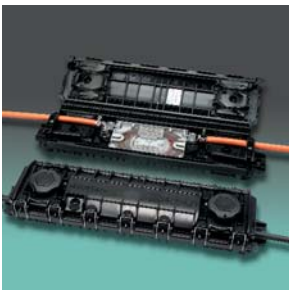
*Heat-Shrink Cable Sealing FOSC 400 Closures*

Part Number	Description
F84540-000	FOSC 400-A8-NT-O-NGV
C22578-000	FOSC 400-A4-NT-O-NGV
755467-000	FOSC 400-B2-NT-O-NGV
677893-000	FOSC 400-B4-NT-O-NGV
430987-000	FOSC 400-D5-NT-O-NGV
694667-000	FOSC-ACC-CABLE-SEAL-1-NT
274041-000	FOSC-ACC-CABLE-SEAL-1-NW



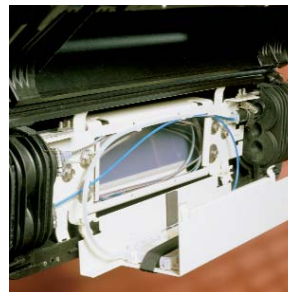
*Gel cable sealing - FOSC 450, FOSC 500, FOSC 600 and AIR FOSC Closures*

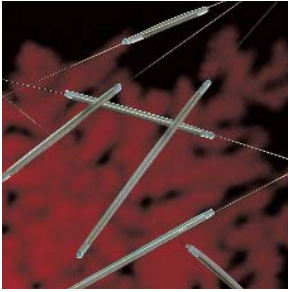
Part Number	Description
A47106-000	FOSC 450-A4-4-NT-O-NOV
A89777-000	FOSC 450-A4-4-NT-O-NIV
186070-000	FOSC 450-B6-6-NT-O-BOV
058514-000	FOSC450-B6-6-NT-O-B3V
A42788-000	FOSC 450-D6-6-NT-O-DOV
931866-000	FOSC450-D6-6-NT-O-D6V
A13909-000	FOSC-ACC-450-AERIAL-CLMP
057768-000	FOSC-500AA-L24-LT-GV
278680-000	FOSC-500AA-S24-LT-GV
A65714-000	FOSC 500AA-L48-LT-GV
D83736-000	FOSC 500AA-L48-LT-NV
867502-000	FOSC 600-D8-NT-O-D4V
E73885-000	AIR-FOSC-A-GEN-NT-0GO
E84413-000	AIR-FOSC-B-GEN-NT-0GO



*Splice trays*

Part Number	Description
497817-000	FOSC-ACC-A-TRAY-12
429567-000	FOSC-ACC-A-TRAY-24
898849-000	FOSC-ACC-B-TRAY-12
863927-000	FOSC-ACC-B-TRAY-24
426579-000	FOSC-ACC-D-TRAY-36
915167-000	FOSC-ACC-D-TRAY-72





**SMOUV**  
Splice Protection Sleeve

Part Number	Description
693979-000	SMOUV 1120-01 (62mm)
143339-000	SMOUV 1120-02 (45mm)



**OCM-XC**  
Modular Coarse Wavelength Division Multiplexers

**OCM X - C X X XX X XX**

- Size** \_\_\_\_\_
- 1 LGX modular 1.1" (29mm) wide
  - 2 LGX modular 2.3" (58mm) wide
  - 3 LGX modular 3.4" (87mm) wide
- Type** \_\_\_\_\_
- M Multiplexing
  - D Demultiplexing
  - X Multiplexing + demultiplexing
- Number of Channels** \_\_\_\_\_
- 1
  - 2
  - 4
  - 8
  - A 4 channels + upgrade port
  - B 8 channels + upgrade port
  - C 4 channels + upgrade + 1310 nm port
  - D 8 channels + upgrade + 1310 nm port
  - E 4 channels + 1310 nm port
  - F 8 channels + 1310 nm port

**Connector type**

Min. return loss	Connector type			
	SC	FC	LC	MU
50 dB (UPC)*	S1	F1	L1	U1
60 dB (APC 8°)*	S2	F2		

UPC - Ultra polished physical contact  
APC - Angled polished physical contact

- Channel sequence**
- 1 1270, 1290, 1310, ...
  - 2 1270, 1310, 1350, ...
  - 0 One channel only

- Starting wavelength**
- 27 1270 nm
  - 29 1290 nm
  - ...
  - 61 1610 nm



**FOSC OC XC**  
Coarse wavelength division multiplexing in FOSC trays

**FOSC-OC - X C X X XX X XX**

- Tray type** \_\_\_\_\_
- 3 FOSC D Tray 72: splice modules in the middle of the tray
  - 6 FOSC A Tray 24: black box concept
  - 7 2 unit high FOSC D tray with 12 connectors patchpanel
  - 8 1 unit high FOSC D tray with 6 connector patchpanel
- Coarse WDM components** \_\_\_\_\_
- Number of Channels** \_\_\_\_\_
- 1
  - 2
  - 4
  - 8
- Type** \_\_\_\_\_
- M Multiplexing
  - D Demultiplexing
  - X Multiplexing + demultiplexing

**Connector type**

Min. return loss	Connector type			
	SC	FC	E2000	LC MU
50 dB (UPC)*	S1	F1		L1 U1
60 dB (APC 8°)*	S2	F2	E9	
60 dB (APC 9°)*	S3			

UPC - Ultra polished physical contact  
APC - Angled polished physical contact

- Channel sequence**
- 1 1270, 1290, 1310, ...
  - 2 1270, 1310, 1350, ...
  - 0 One channel only

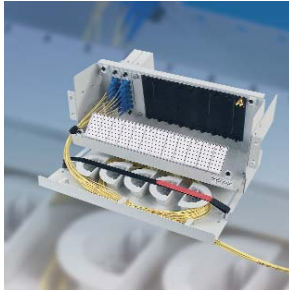
- Starting wavelength**
- 27 1270 nm
  - 29 1290 nm
  - ...
  - 61 1610 nm



### OCM

Modular Wideband Couplers/Splitters

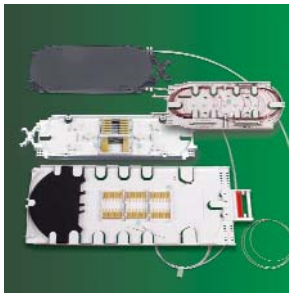
Part Number	Description
799956-000	Single Wide LGX, FBT Splitter, 1x2, 50/50, SC/APC
F01335-000	Single Wide LGX, FBT Splitter, 1x2, 10/90, SC/APC
A65912-000	Single Wide LGX, FBT Splitter, 1x2, 25/75, SC/APC
998892-000	Single Wide LGX, FBT Splitter, 1x4, 50/50, SC/APC
F53986-000	Dual Wide LGX, FBT Splitter, 1x8, 50/50, SC/APC



### FPS OCM

Front Patching Shelf for Optical Component Modules

Part Number	Description
E02563-000	FPS-OCM-I-O
E01294-000	FPS-OCM-I-S



### FOSSC OC

Optical power splitters in FOSSC trays

Part Number	Description
C75768-000	FOSSC D Tray, FBT Splitter, 1x2
C70179-000	FOSSC D Tray, FBT Splitter, 1x4
329536-000	FOSSC D Tray, FBT Splitter, 1x8
E49835-000	FOSSC D Tray, Planar Splitter, 1x8
D39890-000	FOSSC D Tray, Planar Splitter, 1x16
F58883-000	FOSSC D Tray, Planar Splitter, 1x32
E45575-000	FOSSC Black A Tray, FBT Splitter, 1x2
C74415-000	FOSSC Black A Tray, FBT Splitter, 1x4
F54686-000	FOSSC Black A Tray, FBT Splitter, 1x8
D39498-000	FOSSC Black A Tray, Planar Splitter, 1x16
D87277-000	FOSSC Black A Tray, Planar Splitter, 1x32



### OCFPS

Wideband Couplers/Splitters in Front Patching Shelf

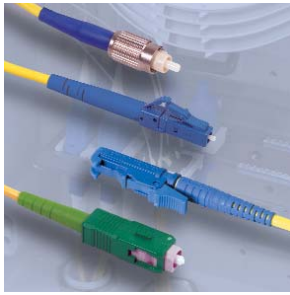
Part Number	Description
E43293-000	1RU, 19", Low Loss Planar Splitter, 1x32, SC/APC
F57491-000	1RU, 19", Low Loss Planar Splitter, 2x32, SC/APC
D34005-000	1RU, 19", Planar Splitter, 1x32, SC/UPC
E45837-000	1RU, 19", Planar Splitter, 1x32, SC/APC
A69799-000	1RU, 19", Planar Splitter, 2x32, SC/APC



### Build-Out Attenuators

Passive Power Reducing Optical Device

		OC A B - XX - XX - B3					Wavelength	
Attenuators							broadband (1260-1360 nm and 1430-1625 nm)	
Build out attenuator type							Nominal attenuation	
Connector type								
Min. return loss	SC FC LC ST D4					01	1 db	
45 dB (PC)				TO	D4	02	2 db	
50 dB (UPC)	S1 F1 L1					03	3 db	
55 dB (APC 8°)	S2 F2					04	4 db	
55 dB (UPC)	S8 F8			T8		05	5 db	
65 dB (APC 8°)	S9 F9					10	10 db	
						15	15 db	
						20	20 db	



## Single-Mode Cable Assemblies

Pigtails and Jumpers Single-Mode Connectorized Single Fiber Cables

OC - X X XX XX X XXXX XX

### Connectorized simplex

#### cable type

P Pigtail  
J Jumper

### Ferrule centering method

T Tuned SC, FC, LC  
U Untuned ST

### Connector type at end 1

Min. Rtn. loss	Standard connector type			
	SC	FC	LC	ST
45 dB (PC)				TO
50 dB (UPC)	S1	F1	L1	
60 dB (APC 8°)	S2	F2	L2	
Min. rtn. loss	Low loss connector type			
	SC	FC		
50 dB (UPC)	S6	F6		
60 dB (APC 8°)	S7	F7		

### Cable length

01, 02, ... 10, 11, ... always use 2 digits for cable length

### Cable length unit

M Meter  
D Decimeter (only for jumpers)

### Connector type at end 2

Same options as for connector type at end 1  
Select XX in case of a pigtail

### Cable type

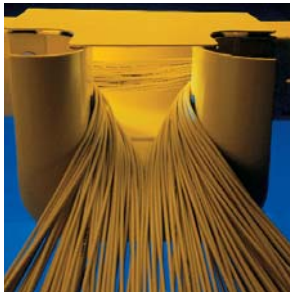
Single mode fiber (9/125μ) according to ITU-T G652

	Outer Diameter	Secondard jacket* coating	
ASCA	2.4 mm	LSZH	semi-tight
ASIA**	1.7 (±0.1) mm	LSZH	semi-tight
ASEN	900μ	none	semi-tight

\* Including reinforced aramid yarn

### Notes

- Connector characteristics: PC - physical contact; UPC - ultra polished physical contact; APC - angle polished physical contact
- In case of a hybrid jumper with connectors with different ferrule centering method, the ferrule centering method in the name string shall be: "C" preferred over "T" preferred over "U".
- In case of a hybrid jumper, sort the connector type alphanumerical



## Lightrax

Fiber Optic Raceway System

FRX - XXXX - XX XX X

### S- Standard PVC

H- Halogen Free Yellow only

### Description of Components

STWC	6 ft. solid channel with cover
STO8	8 ft. solid channel with cover
SLWC	6 ft. slotted channel with cover
SPLC	Channel splice
SPLF	Fitting splice
9HE	90 degree horizontal elbow
4HE	45 degree horizontal elbow
9VOE	90 degree vertical outside (down) elbow
4VOE	45 degree vertical outside (down) elbow
9VIE	90 degree vertical inside (up) elbow
4VIE	45 degree vertical inside (up) elbow
HTC	Horizontal tee
HT2	Horizontal tee reducer
VTC	Vertical tee
VT2D	Vertical tee reducer
DVT	Dual vertical tee reducer
DHT	Dual horizontal reducer
TRMP	Trumpet
CRSS	4-way cross
RD	Reducer
RD48	4x8 reducer
EDCP	Endcap
FTK	Square-to-round adapter kit
FRO	Non-Intrusive Vertical Drop
CR	Cable retainer
SCTF	Slotted channel trumpet
LTFA	Lightrax-to-fiber guide adapter
FCL	Fiber caution label

### Pre-Drilling

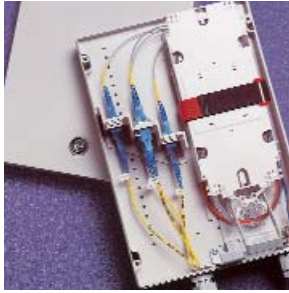
P = Pre-drilled  
- = Not Predrilled

### Color

YL = Yellow  
RG = Orange  
GR = Gray

### Size (inches)

22 = 2 x 2  
44 = 4 x 4  
48 = 4 x 8  
412 = 4 x 12



### FibrBoss CB -04/12 & DB 36

*Customer Premises Box (indoor applications)*

Type	Description
CB 04	4 Adapter Capacity, 4 Splice Capacity, 2 Cable/Pigtail Ports
CB 12	12 Adapter Capacity, 12 Splice Capacity, Multiple Cable/Pigtail Ports
DB 36	36 Adapter Capacity, 96 Splice Capacity, Multiple Cable/Pigtail Ports

Note: Consult the factory for specific enclosure configurations

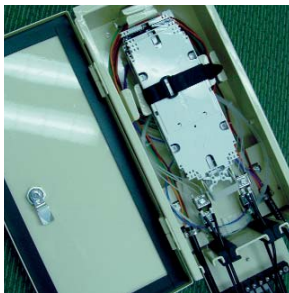


### FibrBoss CB 24/48

*Customer Premises Box (indoor/outdoor applications)*

Type	Description
CB 24	24 Adapter Capacity, 96 Splice Capacity, Multiple Cable/Pigtail Ports
CB 48	48 Adapter Capacity, 96 Splice Capacity, Multiple Cable/Pigtail Ports

Note: Consult the factory for specific enclosure configurations



### Fiber Pedestal Enclosure

Part Number	Description
Call Customer Service	Enclosure for fiber splicing or CWDM deployment in a pedestal or wall-mount.



### Dat@Term

*Terminal blocks and housings for VoIP*

Product Code	Description
DTM-IBB-88X-NN-RVA	Bunching Block 8 pair, no tail
DTM-IBB-88X-TL-RVA	Bunching Block 8 pair, with tail
DTM-IBB-82X-TL-RVA	Bunching Block 2 sets of 4 pair, tail both sides
DTM-IBB-88A-NN-RVA	2 Block housing with 1 Bunching Block 8 pair, no tail
DTM-IBB-88A-TL-RVA	2 Block housing with 1 Bunching Block 8 pair, with tail
DTM-IBB-82A-TL-RVA	2 Block housing with 1 Bunching Block 2 sets of 4 pair, tail both sides
DTM-IBB-88B-NN-RVA	4 Block housing with 1 Bunching Block 8 pair, no tail
DTM-IBB-88B-TL-RVA	4 Block housing with 1 Bunching Block 8 pair, with tail
DTM-IBB-HSNG-126-B	2 block housing only equipped for Bunching Blocks
DTM-IBB-HSNG-126-E	2 block housing only not equipped for Bunching Blocks
DTM-IBB-HSNG-130-B	4 block housing only universally equipped



### Tel-Splice

*Wire Splice*

Part Number	Description
1-552795-2	2 Wire Filled Splice (100/box)
1-553017-2	1/2 Tap



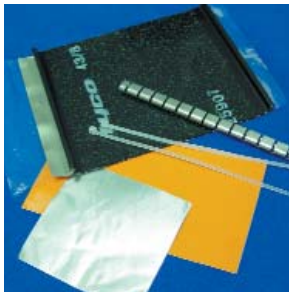
**TCS2**  
*Heat-Shrink Tubing*

Part Number	Description	Minimum Expanded I.D.	Maximum Recovered I.D.
144829-000	TCS2-11/13-48	1.300"	.375"
778813-000	TCS2-15/17-48	1.700"	.500"



**CERTI-SEAL**  
*Coax Coupling Closure*

Part Number	Description
608082-000	6/59 COAX Splice Closure
203186-000	7/11 COAX Splice Closure



**Thermoshield**  
*Repair Kit*

Part Number	Description
625703-000	THRMSHD-TR-KIT



**WRSS**  
*Wraparound Repair Sleeve*

Part Number	Description
444047-000	WRSS 35/170
594775-000	WRSS 60/300



**C-LOK**  
*Solid or Stranded Copper Connector*

Part Number	Description	
81663-5	13mm <sup>2</sup> (#6) sol & str	13 mm <sup>2</sup> (#6) sol & str
81663-1	21 mm <sup>2</sup> (#4) sol	13 mm <sup>2</sup> (#6) sol & str
	13 mm <sup>2</sup> (#6) str	13 mm <sup>2</sup> (#6) str
81713-1	12.70 (1/2 [.500]) rod	21 mm <sup>2</sup> (#4) sol & str
	14.30 (5/8 [.563]) rod	13 mm <sup>2</sup> (#6) sol & str
83017-2	14.30 (5/8 [.563]) rod	21 mm <sup>2</sup> (#4) sol & str
	15.88 (5/8 [.625]) rod	13 mm <sup>2</sup> (#6) sol & str



## TDUX

### Duct Sealing System

Part Number	Description
034686-000	T-DUX-60-KIT-ENGL
101192-000	T-DUX-90-KIT-ENGL
894743-000	T-DUX-100-KIT-ENGL

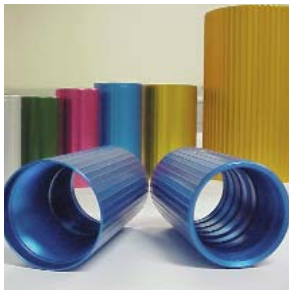


## Jackmoon

### Duct Plugs and Couplers

#### Blank Duct Plugs

Part Number	Description	Size	Duct I.D.
542288-000	JM-BLA-07D100U	0.7	0.71 - 0.83
298182-000	JM-BLA-10D104U	1.0	0.96 - 1.16
187308-000	JM-BLA-12D148U	1.25	1.14 - 1.48
F64411-000	JM-BLA-12D163U	1.4	1.30 - 1.63
036620-000	JM-BLA-15D183U	1.50	1.49 - 1.83
923104-000	JM-BLA-20D236U	2.0	1.83 - 2.36
121592-000	JM-BLA-25D296U	2.50	2.34 - 2.96
162754-000	JM-BLA-30D346U	3.0	2.99 - 3.46
828822-000	JM-BLA-35D400U	3.50	3.42 - 3.80
377850-000	JM-BLA-40D402U	4.0	3.94 - 4.17
934754-000	JM-BLA-50D535U	5.0	5.00 - 5.35
566534-000	JM-BLA-60D637U	6.0	5.82 - 6.37
885144-000	JM-BLA-80D816U	8.0	7.83 - 8.27



#### Reverse-Threaded Couplers

Part Number	Description	Size	Duct I.D.
835346-000	JM-COU-07CP108U	0.75	0.91 - 1.08
233120-000	JM-COU-10CP142U	1.0	1.18 - 1.42
122552-000	JM-COU-11CP157U	1.125	1.40 - 1.57
023476-000	JM-COU-12CP170U	1.25	1.48 - 1.70
884370-000	JM-COU-13CP185U	1.375	1.60 - 1.85
322656-000	JM-COU-15CP200U	1.5	1.80 - 2.00
858078-000	JM-COU-20CP252U	2.0	2.31 - 2.51
165480-000	JM-COU-25CP307U	2.5	2.80 - 3.07
045566-000	JM-COU-40CP465U	4.0	4.41 - 4.65
D32327-000	JM-COU-40CP490U	4.0	4.65 - 4.90

#### Barbed Couplers

Part Number	Description	Size	Duct I.D.
790690-000	JM-COU-10CP132SB	1.0	1.315
230034-000	JM-COU-12CP154SB	1.25	1.575
810764-000	JM-COU-12CP166SB	1.25	1.660
432906-000	JM-COU-15CP190SB	1.5	1.900

## TELCO Clips

### 054 Telco Colored Bridge Clips



Part Number	Description	2nd Line Description	UM
167958-000	DEK-054-0002/1C	WhBridgeklpAsmblySP100	PK
953842-000	DEK-054-0003/1C	RedBrdgeklpAsmblySP100	PK
572156-000	DEK-054-0004/1C	BridgeklpMtlInsertSP100	PK
224980-000	DEK-054-0005/1C	YlwBridgeklpAsmblySP100	PK
181690-000	DEK-054-0006/1C	BluBridgeklpAsmblySP100	PK
110672-000	DEK-054-0007/1C	GrnBridgeklpAsmblySP100	PK
756650-000	DEK-054-0020/1C	WhBridgeklpW/olnsrtSP100	PK
953190-000	DEK-054-0030/1C	RdBrdgeklpW/olnsrtSP100	PK
894698-000	DEK-054-0050/1C	YlwBrdgeklpW/olnsrtSP100	PK
144110-000	DEK-054-0060/1C	BluBrdgeklpW/olnsrtSP100	PK
439766-000	DEK-054-0070/1C	GrnBrdgeklpW/olnsrtSP100	PK

### 061 & 062 Telco Vinyl and Aluminum Siding Clips



Part Number	Description	2nd Line Description	UM
622732-000	DEK-061-0109A/50	HzntSidingClpAlumSP50	PK
453504-000	DEK-061-0110A/1M		
338020-000	DEK-061-0110A/50	VertSidingClpAlumSP50	PK
668328-000	DEK-061-0112A/50	UnvrsSidingClpAlumSP50	PK
265352-000	DEK-061-0112V/50	UnvrlsdngClpVnylSP50	PK
750174-000	DEK-061-0114A/20	UnvrlsdngClpAlumWrTiSP20	PK
354322-000	DEK-061-0114V20	UnvrlsdngVnylWrTiSP20	PK
207300-000	DEK-062-0100/50	CATVClpGrSP50	PK
644842-000	DEK-062-0200/50	CATVClpGraySP50	PK
707866-000	DEK-062-0250/1M	1/4 TubeClpWhAdhSP1000	PK
671758-000	DEK-062-0300/1M	5/8 CATVClpBlAdhSP1000	PK

### 063 Telco Masonry Nail Clips



Part Number	Description	2nd Line Description	UM
754642-000	DEK-063-0010/10	B1MasonryClpNailSP10	PK
025540-000	DEK-063-0020/10	B2MasonryClpNailSP10	PK
933132-000	DEK-063-0030/10	B3MasonryClpNailSP10	PK

### 090 E Caps for Aerial & Buried Service Applications



Part Number	Description	2nd Line Description	UM
465862-000	DEK-090-0140/25	ECap100SizeSP25	PK
187866-000	DEK-090-0145/25	ECap125SizeSP25	PK
679762-000	DEK-090-0147/25	ECap160SizeSP25	PK
889478-000	DEK-090-0150/10	ECap220SizeSP10	PK
025310-000	DEK-090-0160/10	ECap285SizeSP10	PK
872036-000	DEK-090-0165/10	ECap375SizeSP10	PK

**Tyco Electronics Corporation**  
**Telecom Outside Plant**  
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 Fuquay-Varina, NC 27526-9349  
 Tel: 919 557-8900  
 Fax: 919 557-8498

FOSC 400, FOSC 450, FOSC 500, FOSC 600, AIR FOSC, SMOUV, Lightrax, FibrBoss, Dat@Term, TCS2, Certi\_Seal, WRSS TDUX, Jackmoon, C-LOK, Thermoshield

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