

Fiber Optic Inline Splice Closure

Features and benefits



- Complete range for all types of applications and cables
- Robust, chemical resistant body, ribbed for additional mechanical strength)
- Highly efficient fiber management system with splice cassettes for single and ribbon fiber cables
- Craft friendly for ease of use and maintenance

Description

The Opterna Fiber Optic In-Line Splice Closures (FISC) are specially designed to provide reliable and long-lasting protection for optical fibers and splices, combined with maximum ease of installation and maintenance. A full range of closures are available, optimized for all network architectures. Specific versions are available, dependent upon the number of fibers/cables, cable diameter and the type of optical cable – single or ribbon fiber. Splice cassettes are ordered separately to optimize flexibility and efficiency.

Application

- Branching and straight through joints
- Wall, pole or stand mount
- Manhole, buried and aerial joints
- All ultra-high speed networks
- Ultra small, suitable for all applications
- Multi-channel CWDM and DWDM (coarse and dense wavelength division multiplexed) networks
- Ideal for emergency repairs of damaged fiber optic cables



Specification

Type	Fiber capacity – single fiber	Fiber capacity – ribbon fiber	Dimensions (mm)	Number of cable entries	Max cable dia. (mm)	No. of fibers per splice cassette	Max no. of splice cassettes	Splice Cassette P/N
SS	48		L 280 W 200 H 90	2 or 4	2 x 14 or 4 x 12	12	4	FSC-C22
	96					24	4	FSC-C23
SM	48		L 450 W 216 H 110	6	2 x 23 2 x 20 2 x 16	12	4	FSC-C01
	96					24	4	FSC-C02
		144				36	4	FSC-C21
		216				72	4	FSC-C04
MD	108		L 396 W 190 H 126	6	2 x 23 2 x 20 2 x 16	12	9	FSC-C31
	144					24	6	FSC-C32
	288					48	6	FSC-C27
		864				144	6	FSC-C28

Type	Fiber capacity - single fiber	Fiber capacity - ribbon fiber	Dimensions (mm)	Number of cable entries	Max cable dia. (mm)	No. of fibers per splice cassette	Max no. of splice cassettes	Splice Cassette P/N
ML	192		L 560 W 280 H 180	16	4 x 20 4 x 16 8 x 14	24	8	FSC-C02
	384					48	8	FSC-C05
	432					72	6	FSC-C04
		360				72	5	FSC-C07
LX	480		L 590 W 320 H 215	8	4 x 41 4 x 20	48	10	FSC-C05
	648					72	9	FSC-C06
		504				72	7	FSC-C07
		1296				144	9	FSC-C08
		1944				216	9	FSC-C03

Ordering Information

FISC

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1. Closure Type
SS = Ultra Small
SM = Small
MD = Medium
ML = Large
LX = Extra Large

2. Configuration
L = Loaded with Splice cassette
Empty = Without Cassette

3. Fiber count per Tray
12 = 12F
24 = 24F
48 = 48F
Empty = Without Cassette

4. Fiber Type
1 = Single Fiber
R = Ribbon Fiber
Empty = Without Cassette

5. Number of Splice tray
1 = 1#
2 = 2#
4 = 4#
10 = 10#
Empty = Without Cassette

* Splice cassette part numbers are identified in the specification table above