SUMITOMO ELECTRIC LIGHTWAVE

TN Fiber Optic Splice Closures

The TN Fiber Optic Splice Closures are compact outside plant enclosures designed as fully reusable solutions, offering a high-splice capacity tailored for high-fiber count applications.

These closures accommodate different installation requirements, offering in-line configuration options for the FTC-TN3456-IL and FTC-TN4320-IL closures. The in-line configuration showcases six cable entries, including two main entries and four branch entries. As an alternative, the FTC-TN5184 and FTC-TN6912 closures are perfectly suited for butt-style configuration, featuring three cable entries consisting of two main entries and one branch entry.

RELATED PRODUCTS

PART NO.	DIMENSIONS	CAPACITY
FTC-TN3456-IL	9.7 x 11.6 x 24.3 in (246 x 293 x 618 mm)	3,456f
FTC-TN4320-IL	9.7 x 11.6 x 24.3 in (246 x 293 x 618 mm)	4,320f
FTC-TN5184	9.7 x 11.6 x 24.3 in (246 x 293 x 618 mm)	5,184f
FTC-TN6912	9.7 x 11.6 x 24.3 in (246 x 293 x 618 mm)	6,912f

FEATURES

• Suitable for High-Fiber Count 12-Fiber Ribbon Cables

• Reusable Sealing Systems

• Mechanical-Sealing Type & Buckle Fasteners

• Pre-Installed Grounding Busbar

• IP68 Rated

• Cable Port Sealing Kit Options Available
  S, M, L, XL, and DOUBLE)

BENEFITS

• Compact with Capacity for High-Fiber Count Applications

• Rugged Housing for Most OSP Environments

• Easy to Open and Close Via Latching System

• Available in Butt-Style or In-Line-Style Configurations

• Applicable with Standard Ribbon, Pliable Ribbon, and Loose Tube Fiber Cables

TN FIBER OPTIC SPLICE CLOSURES CONFIGURATIONS

CONFIGURATIONS	CABLE ENTRY		THIN TYPE TRAY (216 Fiber/Tray)		THICK TYPE TRAY (864 Fiber/Tray)	
	MAIN	BRANCH	MAX FIBER COUNT	NO. OF TRAYS	MAX FIBER COUNT	NO. OF TRAYS
Butt	2	1	5,184	24	6,912	8
In-Line	2	4	3,456	16	4,320	5

To learn more information visit **www.SumitomoElectricLightwave.com**

KITTING COMPONENTS

COMPONENTS	QUANTITY (Thin Tray)		QUANTITY (Thick Tray)	
	FTC-TN3456-IL	FTC-TN5184	FTC-TN4320-IL	FTC-TN6912
Blank Plug	—	3 PCS	—	3 PCS
216f Splice Tray (18 x 12ct)	16 PCS	24 PCS	—	—
864f Splice Tray (72 x 12ct)	—	—	5 PCS	8 PCS
Transportation Tubes, 6.5 mm	4 SET	7 SET	—	—
Transportation Tubes, 9.5 mm	—	—	10 SET	16 SET
Mass-Splice Protection Sleeve, FPS-6	300 PCS	450 PCS	400 PCS	600 PCS
Zip Ties, Small	32 PCS	48 PCS	20 PCS	32 PCS
PVC Tape, Black	1 PC	1 PC	1 PC	1 PC
Color PVC Tape, 4 Colors (Blue, Orange, Green, Brown)	—	—	1 SET	1 SET
Hexagonal Wrench, M6	1 PC	1 PC	1 PC	1 PC
Marshaling Tool	1 PC	1 PC	1 PC	1 PC
Numbering Label	1 SET	1 SET	1 SET	1 SET
Velcro Tape	—	—	5 PCS	8 PCS
Sand Paper, #240	2 PCS	2 PCS	2 PCS	2 PCS
Silicon Grease, 2g/pack	2 PK	2 PK	2 PK	2 PK

ORDERING INFORMATION

PART NUMBER	FIBER SPLICE CAPACITY	SPLICE TRAY QUANTITY	MAIN CABLE PORTS (Recommended)	BRANCH CABLE PORTS (Recommended)	DIMENSIONS
FTC-TN3456-IL	3,456f	16	2	4	9.7 x 11.6 x 24.3 in (246 x 293 x 618 mm)
FTC-TN4320-IL	4,320f	5	2	4	9.7 x 11.6 x 24.3 in (246 x 293 x 618 mm)
FTC-TN5184	5,184f	24	2	1	9.7 x 11.6 x 24.3 in (246 x 293 x 618 mm)
FTC-TN6912	6,912f	8	2	1	9.7 x 11.6 x 24.3 in (246 x 293 x 618 mm)

ACCESSORIES

Instructions: Please order the number of the Cable Port Sealing Kit and Blank Plug Set based on the size and number of cable entries.

PART NUMBER	DESCRIPTION	CABLE RANGE	HOLE QTY.	COMPATIBLE CABLE TYPES
BRTN-DOUBLE	Cable Port Sealing Kit, Double Hole	0.27 to 0.55 in (7 to 14 mm)	2	Microduct
BRTN-S	Cable Port Sealing Kit, Small	0.32 to 0.73 in (8 to 18.5 mm)	1	Slotted Core, Central Tube, Microduct
BRTN-M	Cable Port Sealing Kit, Medium	0.73 to 1.30 in (18.5 to 33 mm)	1	Slotted Core, Central Tube
BRTN-L	Cable Port Sealing Kit, Large	1.30 to 1.38 in (33 to 35 mm)	1	Slotted Core
BRTN-XL	Cable Port Sealing Kit, Extra Large	1.38 to 1.46 in (35 to 37 mm)	1	Slotted Core
BPS-TN	Blank Plug Set (Port Cover, Blank Plug, Silicon Grease)	N/A	N/A	N/A