

# FTC-GP8-PR864

Sumitomo Electric Lightwave's FTC-GP8-PR864 is a light-weight and compact, mechanical joint closure that is designed as a fully reusable system that connects various optical fiber cables in severe conditions. This closure is a universal design suitable for use in underground manholes, hand-hole, overhead poles, and indoor installation.

## BENEFITS

- Space saving, High Density Compact Design
- Max. 864-Fiber Capacity
- Usable Under Severe Conditions
- Easy Mounting on and Removal From Pole or Wall by Snap on Mounting Kit

## FEATURES

- Rugged Housing for Most OSP Environments
- Reusable Mechanical Sealing Systems
- Applicable with Standard Ribbon, Pliable Ribbon and Loose Tube Fiber Cable
- 2 Main Cable and Max. 6 Branch Cable Capacity
- Installable Underground, Wall or Pole
- Cable Port Sealing Kit Options Available (S, M, L)
- IP68 Rated

GENERAL	
Applications <i>*Requires Accessories</i>	Underground (Manhole, Hand-hole, Joint Box) Pole Mounting* Outdoor/Indoor Wall*
APPLICABLE CABLE DIAMETER	
Main Cable (Oval Cable Port)	0.31 - 0.79 in (8.0 - 20.0 mm)
Branch Cable (Round Cable Port)	0.31 - 0.79 in (8.0 - 20.0 mm)
APPLICABLE FIBER AND CABLE TYPES	
Fiber	200 μm or 250 μm (UV Coated) 12-Fiber Pliable Ribbon
	250 μm (UV Coated) 12-Fiber Standard Ribbon
	250 μm (UV Coated) Single Fiber
	900 μm Single Fiber
Cable	Micro Duct Cables
	Ribbon Slot Cables
	Central Tube Cables
	Loose Tube Cables



## QUICK SPECS

CLOSURE TYPE	Dome
MAIN CABLE ENTRY	2
BRANCH CABLE ENTRY	6
SPLICE CAPACITY	864*

\*With 12-Fiber Pliable Ribbon (200μm or 250μm)

SPLICE CAPACITY

FIBER TYPE	SPLICE CAPACITY	SPLICE CAPACITY / TRAY
250 μm 12-Fiber Pliable Ribbon	864f	6 Splice (72f) / Tray
200 μm 12-Fiber Pliable Ribbon	864f	6 Splice (72f) / Tray
250 μm 12-Fiber Standard Ribbon	432f	3 Splice (36f) / Tray
Single Fiber	288f	24 Splice (24f) / Tray

PHYSICAL CHARACTERISTICS

PROPERTY	SPECIFICATIONS
Height	11.0 in (280 mm)
Width	8.4 in (214 mm)
Depth	12.5 in (317 mm)
Weight	Approx. 8.8 lbs (4.0 kg)

KITTING COMPONENTS

COMPONENTS	QUANTITY
Dome	1 PC
Base Plate	1 PC
O-Ring	1 PC
Dome Clamp	1 PC
Central Plate	1 PC
Cable Sheath Clamp	2 PCS
Strength Member Clamp	2 PC
Splice Tray	12 PCS
Tray Lid	2 PCS
Velcro Tape	1 PC
Fiber Guide	2 PCS
Main Port Plate	1 PC
Main Port Seal Spacer	2 PCS
Main Cable Universal Grommet (8.0 to 20.0 mm)	1 PC
Gas Valve	1 PC
Pass Through Fiber Storage	1 PC
Transportation Tube Set (Internal Diameter 4.5 mm / Length 700 mm)	1 SET
Cable Tie	2 PCS
Plastic Bag with Zipper (For Storing Pass-Through Fibers)	1 PC
Instruction Manual	1 PC

ORDERING INFORMATION

PART NUMBER	CABLE PORT ENTRY		DIMENSIONS
	MAIN	BRANCH	
FTC-GP8-PR864	1 Port - Oval (2 Cables)	6 Ports - Round	11.0 x 8.4 x 12.5 in (280 x 214 x 317 mm)

ORDERING INFORMATION - ACCESSORIES

**Instructions:** Please order the number of parts below based on the size, fiber count and number of cable entries.

PART NUMBER	DESCRIPTION
FPS-1	Fiber Protection Sleeves for Single Fiber
FPS-6	Fiber Protection Sleeves for Single to 12-Fiber Ribbon
FTC-GP8-BRANCH-KIT-S	Cable Branch Kit for GP8, Small (Cable O.D. 8.0 to 13.0 mm)
FTC-GP8-BRANCH-KIT-M	Cable Branch Kit for GP8, Medium (Cable O.D. 13.0 to 17.6 mm)
FTC-GP8-BRANCH-KIT-L	Cable Branch Kit for GP8, Large (Cable O.D. 17.6 to 20.0 mm)
FTC-GP8-POLE-WALL-BRACKET	Pole/Wall Mount Kit for GP8
FTC-GP8-GROUND-KIT	Bond Wire Kit for GP8 (2mm2, less than 20A)
BP-M-GP8	Blank Plug for Main Cable Port for GP8
BP-R-GP8	Blank Plug for Round Cable Port for GP8
TT-R-4.5-700-6PCS-SET	Transportation Tube Set for Ribbon Fiber
TT-S-2.5.700-12PCS-SET	Transportation Tube Set for Single Fiber