SUMITOMO ELECTRIC LIGHTWAVE

FTC-GP4-PR432

Sumitomo Electric Lightwave's FTC-GP4-PR432 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. 432-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. 4 Branch Cable Capacity

• Installable Underground, Wall or Pole

• Cable Port Sealing Kit Options Available (S, M, L)

• IP68 Rated

QUICK SPECS

CLOSURE TYPE	**Dome**
MAIN CABLE ENTRY	**2**
BRANCH CABLE ENTRY	**4**
SPLICE CAPACITY	**432f***

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

GENERAL

Applications *Requires Accessories	Underground (Manhole, Hand-hole, Joint Box) Pole Mounting* Outdoor/Indoor Wall*

APPLICABLE CABLE DIAMETER

Main Cable (Oval Cable Port)	0.20 – 0.63 in (5.0 – 16.0 mm)
Branch Cable (Round Cable Port)	0.32 – 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

SPLICE CAPACITY

FIBER TYPE	SPLICE CAPACITY	SPLICE CAPACITY / TRAY
250 µm 12-Fiber Pliable Ribbon	432f	6 Splice (72f) / Tray
200 µm 12-Fiber Pliable Ribbon	432f	6 Splice (72f) / Tray
250 µm 12-Fiber Standard Ribbon	216f	3 Splice (36f) / Tray
Single Fiber	144f	24 Splice (24f) / Tray

PHYSICAL CHARACTERISTICS

PROPERTY	SPECIFICATIONS
Height	10.8 in (275 mm)
Width	8.1 in (205 mm)
Depth	6.1 in (155 mm)
Weight	Approx. 6.6 lbs (3.0 kg)

KITTING COMPONENTS

COMPONENTS	QUANTITY
Dome	1 PC
Base Plate	1 PC
O-Ring	1 PC
Dome Clamp	1 PC
Cable Sheath Clamp	2 PCS
Strength Member Clamp	1 PC
Splice Tray	6 PCS
Tray Lid	2 PCS
Velcro Tape	1 PC
Main Port Plate	1 PC
Main Port Seal Spacer	2 PCS
Main Cable Grommet (5.0 to 12.0 mm)	1 PC
Main Cable Grommet (12.0 to 16.0 mm)	1 PC
Gas Valve	1 PC
Transportation Tube Set (Internal Diameter 4.5 mm, Length 700 mm, 6pcs/set)	1 SET
Instruction Manual	1 PC

ORDERING INFORMATION

PART NUMBER	CABLE PORT ENTRY		DIMENSIONS
	MAIN	BRANCH	
FTC-GP4-PR432	1 Port - Oval (2 Cables)	4 Ports - Round	10.8 x 8.1 x 6.1 in (275 x 205 x 155 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-GP4-BRANCH-KIT-S	Cable Branch Kit for GP4 (Small)
FTC-GP4-BRANCH-KIT-M	Cable Branch Kit for GP4 (Medium)
FTC-GP4-BRANCH-KIT-L	Cable Branch Kit for GP4 (Large)
FTC-GP4-POLE-WALL-BRACKET	Pole/Wall Mount Kit for GP4
FTC-GP4-GROUND-KIT	Bond Wire Kit for GP4 (2mm2, less than 20A)
BP-M-GP4	Blank Plug for Main Cable Port for GP4
BP-R-GP4	Blank Plug for Round Cable Port for GP4
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

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