Pre-Terminated LC/APC Patching Transit Enclosure

Sumitomo Electric Lightwave's IP66 (NEMA 4X Equivalent) Pre-Terminated LC/APC Patching Transit Enclosure feature important innovations and benefits that solve space, usability, and functionality challenges while also providing a secure, clean, and cost-efficient distribution point in which to transition between different cable formats (including ribbon, loose buffer, and tight buffer) and fiber counts, protect fiber terminations (bare fibers), and manage excess cable slack. These indoor environmentally hardened and water-tight enclosures are key-lockable and are wall or ceiling-mountable. In addition, their size and low profile make these enclosures ideal to be deployed in tunnel and platform applications.

FTC-IP66-AL-1728

CABLING
INNOVATORS
AWARDS
GOLD HONOREE

FEATURES

- Meets IP66 (NEMA4X Equivalent)
- Fiber Capacity: 144 LC
- Available as LC/APC (Other Connector/Polish Types Available Upon Request)
- 12f Ribbon Fan-out Factory Pre-Terminated
- Wall or Ceiling Mountable
- Enclosure Body is Made with Aluminum

QUICK SPECS

FIBER CAPACITY	**144 LC**
CABLE ENTRY CAPACITY	**1**
IP RATING	**IP66** (NEMA 4X Equivalent)
MOUNTING TYPE	**Wall; Ceiling**

PHYSICAL CHARACTERISTICS

Dimensions	H. 19.7 in (500 mm) W. 19.7 in (500 mm) D. 7.1 in (180 mm)
Weight	Under 26.5 lb (12 kg)
Color	Black
Material	Aluminum

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

SPECIFICATIONS

PROPERTY	SPECIFICATION
Environment	Indoor
Application	Tunnels & Platforms
Installation Type	Ceiling Hanging Box
	Indoor Wall Mount
IP Rating	IP66 (NEMA4X Equivalent)

PROPERTY	SPECIFICATION
Fiber Capacity	144f (12f Freeform Ribbon)
Applicable Cable Types	12f Freeform Ribbon™ Central Tube Cables
Cable Entry Capacity	12f Freeform Ribbon™ Slotted Core Cables
Cable Diameter Size	Cable: Max. 0.79 in (20 mm)
	Tension Member: 0.04 – 0.18 in (1.0 – 4.5 mm)

OPTICAL CHARACTERISTICS OF PRE-TERMINATED RIBBON FAN-OUT FIBER

PROPERTY	SPECIFICATION
Polishing Type	APC
Wavelength	1310 nm / 1550 nm
Insertion Loss	≤ 0.50 dB
Return Loss	≥ 60 dB

KITTING COMPONENTS

COMPONENTS	QUANTITY
Body	1
LC Adapter with Shutter (Duplex; Green)	72
Splice Tray	1
Cord Clamp	5
12f Fan-Out Fiber with LC Connector	12
Strength Member Clamp	2
Cord Fixing	4
Cord Guide	2
Cable Tie; About 5.9 in (150 mm)	4
Fiber Protection Sleeve (FPS-6)	15
Velcro Tape	10
Mesh Tube; Length: 17.7 in (450 mm)	12
Security Lock Open Tool	1
Instruction Manual	1

ORDERING INFORMATION

PART NUMBER	SPLICE CAPACITY	CABLE ENTRY CAPACITY	DIMENSIONS	WEIGHT
FT-IP66-9144-RLA	144f*	Max. 1 Entry (Upper or Bottom)	19.7 x 19.7 x 7.1 in (500 x 500 x 180 mm)	26.5 lb (12 kg)

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

ACCESSORIES

PART NUMBER	DESCRIPTION
FPS-6	40mm Splice Protection Sleeve, 5 per Pack. Used for Splicing 2 to 12 Fibers

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