SUMITOMO ELECTRIC LIGHTWAVE

6912 Fiber Transition Module

Sumitomo Electric Lightwave's (SEL) 6912 Fiber Transition Module is a sophisticated solution for connecting Ultra-High-Fiber-Count (UHFC) cable directly to a rack for patch panel terminations. The 6912 Fiber Transition Module can be mounted at the top-rear of the rack or inside the rack, with adjustable height for flexible installation.

The unit comes equipped with three large cable glands at the top, each of which can hold up to 6,912 pliable ribbon fiber cables. The fiber from this cable then transitions into up to eight smaller cable glands and conduits, each of which can accommodate as much as 864 to 2,304 fibers, which are then routed to SEL's Pre-Terminated 6RU Patch Panels or other panel products.

FTK-6912-1728-01-KIT (Mounted Above the Rack)

FEATURES

• Flexible Mounting Options: Top-Rear or Inside

• 3 Large Incoming Ports (6,912 Pliable Ribbon Fibers Capacity Each) and 8 Small Outgoing Ports (2,304 Pliable Ribbon Fibers Capacity Each) for Efficient Cable Management

• Internal Grounding Lugs Designed for UHFC Cables

• Conduit Included for Connecting to 864f 6RU Pre-Terminated Panels

• Protection Socking Included for Feeding Ribbon Bundles

• Eliminates the Need for Splice Vault at POE

FTK-6912-1728-01-KIT
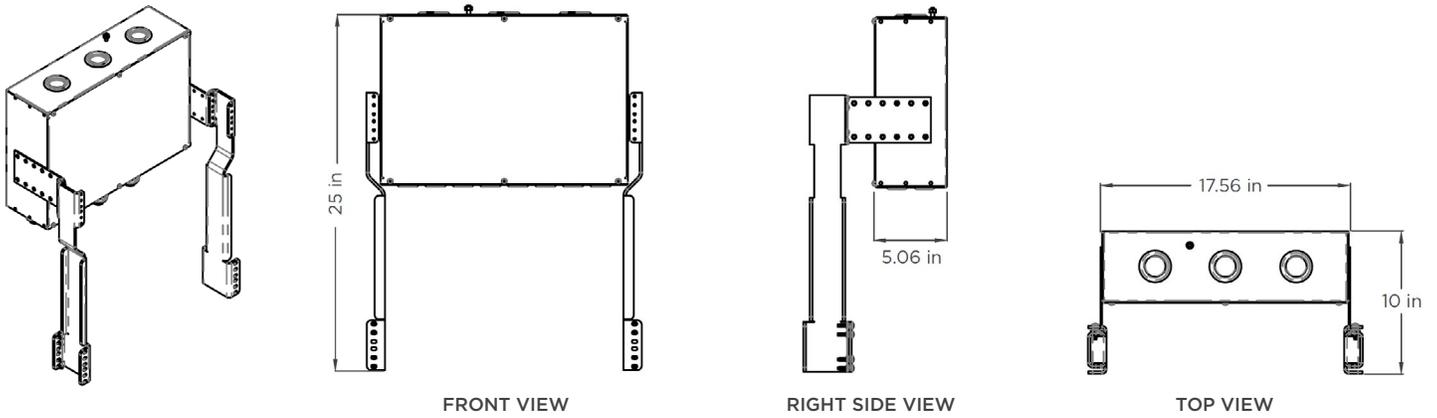(Mounted Inside the Rack)

QUICK SPECS

LARGE INCOMING PORTS	**3** (6,912f cap. ea)
SMALL OUTGOING PORTS	**8** (2,304f cap. ea.)
INCOMING CABLE CAPACITY	**3** (13,824f total)
OUTGOING CABLE CAPACITY	**8 Cable Conduits** (supplied)

COMPONENTS	DIMENSIONS
6912f Transition Box, Base	**H.** 17.4 in (440.7 mm) **W.** 12.0 in (304.8 mm) **D.** 5.0 in (127 mm)
6912f Transition Box, Mounting Post	**H.** 19.5 in (495.3 mm) **W.** 3.4 in (85.9 mm) **D.** 1.3 in (33.2 mm)
Mounting Ear, 2RU Shelf, 23-in Rack	**H.** 6.0 in (152.4 mm) **W.** 3.5 in (88.2 mm) **D.** 0.8 in (20.1 mm)
Mounting Ear, 19-in Rack	**H.** 6.0 in (152.4 mm) **W.** 3.5 in (88.2 mm) **D.** 2.8 in (70.9 mm)

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

FRONT VIEW

RIGHT SIDE VIEW

TOP VIEW

KITTING COMPONENTS

COMPONENTS	QUANTITY
6,912 Fiber Transition Box	1
6,912 Fiber Junction Box, Mounting Post	2
Mounting Ear, 2RU Shelf (for 23 in Rack)	2
Mounting Ear (for 19 in Rack)	2
2 in (50.8 mm) Cable Gland, Cable Range 0.95 in to 1.5 in (24.1 mm to 38.1 mm)	3
¾ in (19.1 mm) Nylon Liquid Tight Straight Connector	8
2 in (50.8 mm) Diameter Sheet Metal Plug, Black	3
¾ in (19.1 mm) x 100 ft (30.48 m) Flexible PVC Conduit, Cut to 25 in (635 mm)	2
Black Ribbon Protection Sock ⅝ in (15.9 mm), 75 ft (22.86 m) Spool; (P/N: FTHFC-SOCK-5/8-75FT)	1

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
FTK-6912-1728-01-KIT	UHFC Cable Transition Module, Rack Mount, 3 Ports In, 8 Ports Out; Includes Accessories

ACCESSORIES

PART NUMBER	DESCRIPTION
FTHFC-SOCK-5/8-75FT	Ribbon Protection Sock, 0.625 in x 75 ft (16 mm x 22.9 m) Spool
FRSJ-01	Freeform Ribbon™ Separation Tool Kit

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