B48 Optical Distribution Frame

Product Type	Fiber Distribution Frame

Description

Ideal for Structured Cabling Systems to support voice, data and image, according to the requirements of the ANSI/TIA/EIA-568C.3 standard, to manage the backbone or primary cabling, or to handle the optical horizontal cabling. For indoor use, installed in racks or brackets, in the equipment room or telecom room

Enables application in traditional systems with fusion splice providing a set of splice trays, or can be used in direct connected systems (field connectorization or pre-connectorized cables). Support adapter plates in the LGX® standard.

Modular product constituted of componentes sold independently, so the order can be done according the desired application.

Constituted by 6 main components (part numbers)

- **B48 ODF - BASE MODULE -** main module that supports the installation of the splice tray, anchorage kit and connectorized optical extensions
- **SPLICE TRAY KITS FOR 12 OR 24 FIBERS -** composed by a splice tray for up to 24 fibers, splice protectors (12 or 24 depending on the kit ordered), corrugated tubes and ties
- **ADAPTER'S PANEL KIT -** composed of 03 plates to be installed in the front panel of the ODF to support the optical adapters.

1. Panel kit for optical adapters - 12 positions LC/SC
2. Panel kit for optical adapters - 8 positions ST/FC
3. Panel kit for optical adapters - 8 positions LC/SC

- **ANCHORAGE AND ACCOMODATION KIT -** for the anchorage of the cables and internal organization of the fiber slack. It is composed by 04 plastic clips, 2 cable supports and 2 supports for the cable's strenght member

- **CONNECTORIZED OPTICAL EXTENSION -** composed by the connectorized optical pigtail (optical extension) and the optical adapter. Available order numbers to support 2 fibers or 6 fibers

- **FIELD TERMINATION KIT-** composed by the optical adapters. Available in kits for 2 fibers (LC-duplex, SC or ST optical adapters) and kits for 4 fibers (LC-duplex optical adapters).

Installation Environment	Indoor
Operation Environment	Non Aggressive
Warranty	12 months

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Extended Guaranty	15 or 25 years [1]
Advantage	- For splice distribution frame and field optical termination; - Special tools are not necessary for installation; - Hybrid configuration of optical connectors; - Frame for low density and modularity; - Internal splicing and fiber storage spaces; - Sliding drawer; - Up to 48 fibers in 01U with LC or MT-RJ connectors; - Up to 36 fibers in 01U with SC connectores; - Up to 24 fibers in 01U with ST or FC connectors; - Internal fiber optical guide; - Installation for 19" rack or bracket; - Protected against corrosion (TIA-569-B);
High	44,45mm (1U)
Width	484mm
Depth	335mm
Painting Type	Finished in scratchproof high resistant black epoxy paint
Weight	3,5 kg
Color	Black
Connector Type	LC, SC, ST, FC
Polish Type	PC (SPC/UPC) / APC
Cable type	Optical cable type "tight" or "loose" construction. [2] Cable Entries: 4 back entries (up to 12mm cables).
Fiber Type	The DIO can be used with any type of fiber
Positions Quantity	02 up to 24 fibers, expansible up to 48 fibers depending up on topology and type of connector
Material of Product body	Steel SAE1020
Accessories Included	**B48 - Frame** - Screws for installation; - Identification card; - Handbook.

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Complementary Accessories

Kit Splice Tray 12F

- Kit to 12, 24, 36 or 48 splices, expandable through stacking of the trays;
- Tray to 12 fusions;
- 12 splice protectors 40mm;
- Plastic clamps;
- Numerical labels to identification;
- Screws.

Optical Connectorized Extension

- 02 optical adapters simplex or 01 duplex optical adapter;
- 02 optical extensions.

(Recommend the use of extension 0.9mm)

Kit of LGX Plates

- 03 panels for optical adapters of 06 or 08 positions in options of plastic (LC/SC) or metallic (LC/SC/FC/ST).

Organization Kit

- 04 auto adhesive plastic clips;
- 02 cable glands;
- 04 organization supports.

Associated Solutions

FTTH, Data Center, Commercial Building, Health, Education, Governmental and Residential

Note

1 - The warranty is exclusively for projects in accordance with Furukawa Extended Certified Program. Contact your Furukawa Certified installer for more details.

2 - Compatible with Tera-Lan ® optical cable line.

3 - The performance specifications for the conectorized optical extensions are defined in the related Technical Specification.

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