

# OPTICAL DISTRIBUTION FRAME B48



**Product Type** Optical Distribution Frame

**Product Family** TeraLan

**Standard** RoHS Compliant

**Product Type** Optical distribution frame for use in fusion splicing systems or pre-terminated cable for direct connection in the LGX panel.

**Description** Composed by 6 main parts, supplied separately:

- **Optical Distribution Frame B48 - Basic Module:** Responsible for accommodating and protecting the transition optical fusion between the optic cable and the optical extensions (pigtails), or to accommodating the factory pre-terminated optical cables or field connectorized optical cables.
- **Splice Tray Kit 12F:** Responsible for accommodating and protecting the fusion splices and fiber excess. Composed of up to 4 stackable splice trays of 12 fibers, supporting 12, 24, 36 or 48 fibers. Includes splice tray, clamps and fixing bolts. The raw material used to produce the splice tray is according to UL 94V-0.
- **Adapter's LGX Panel Kit** - composed of 03 panels to be installed in the front panel of the ODF to support the adapter panel. Available in metallic or plastic material.
  1. Panel kit for optical adapters - 12 ports LC/SC
  2. Panel kit for optical adapters - 8 ports ST/FC
  3. Panel kit for optical adapters - 8 ports LC/SC
  4. Panel Kit for optical adapters - 6 ports MPO
- **Cable Clamp and Accommodation 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
- **Pigtail:** composed by the connectorized optical extension (pigtail). Available part numbers to support 2 fibers or 6 fibers
- **Optical Adapter:** composed by the optical adapters. Available in kits for 4 fibers (LC-duplex, SC, ST and FC)

**Installation Environment** Indoor

**Operation Environment** Non Aggressive

**Warranty** 12 months

**Extended Warranty** 15 or 25 years - In accordance to the FCS Extended Warranty Program

**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 connectors;
- Up to 24 fibers in 01U with ST or FC connectors;
- Internal fiber optical guide;
- Installation for 19" rack or cabinet;
- Protected against corrosion (ANSI/TIA-569);

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<b>Height</b>	44.45 mm (1U)
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<b>Width</b>	484 mm
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<b>Depth</b>	335mm
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<b>Painting Type</b>	Finished in scratchproof high resistance black epoxy paint
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<b>Weight</b>	3.5 kg
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<b>Color</b>	Black
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<b>Connector Type</b>	LC, SC, ST, FC
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<b>Polishing Type</b>	PC (SPC/UPC) / APC
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<b>Cable type</b>	Loose tube or tight buffer optical cables construction. <sup>(2)</sup> Cable Entries: 4 back entries (up to 12mm cables).
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<b>Fiber Type</b>	The Optical Shelf can be used with any type of optical fiber
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<b>Number of Ports</b>	02 up to 24 fibers, expansible up to 48 fibers depending up on topology and type of connector
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<b>Material of Product body</b>	Steel SAE1020
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<b>Accessories Included</b>	<b>Optical Distribution Frame B48 - Basic Module</b> <ul style="list-style-type: none"> <li>• Screws for installation;</li> <li>• Identification card;</li> <li>• Installation guide.</li> </ul>

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**Complementary Accessories**

**Splice Tray Kit**

- Stackable Splice Tray for 12, 24, 36, or 48 fusion splices;
- Sleeve protectors;
- Plastic clamps;
- Numerical labels for identification;
- Screws.

**Pigtail and Optical Adapter KIT 02F<sup>(3)</sup>**

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

**Pigtail and Optical Adapter KIT 06F<sup>(3)</sup>**

- 06 simplex optical adapters or 03 duplex optical adapters;
- 06 optical pigtail.

(Recommend the use of extension 0.9mm)

**Kit of LGX Plates**

- 03 panels for optical adapters of 06, 08 or 12 ports in options of plastic or metallic.

**Organization Kit**

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

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**Associated Solutions**

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

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**Note**

- 1 - In accordance to FCS extended warranty program
  - 2 - Compatible with Tera-Lan ® optical cable line.
  - 3 - The performance specifications for the pigtail and optical adapter kit are defined in the related Technical Specification.
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