



## B144 OPTICAL DISTRIBUTION FRAME

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**Product Type** Fiber Distribution Frame

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**Product Family** TeraLan

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### Description

It consists of three main components, sold separately:

**DIO B144 - Basic module** - module responsible for accommodating and protecting the optical splices between the optical cable and optical extensions (pigtails), or accommodate the pre-connectorized optical cables or field connectorized. Supplied with 4 sliding drawers up to 36 optical adapters (SC/LC or ST/FC) and rack-mounting standard 19".

In case of intalation of FC or ST connectors, you will must adquire the adapter panel for this configuration.

**Optical Connectorized Extension 0.9** - each kit consists of optical adapters and optical extensions (pig-tails) of 0.9mm diameter.

Must be adquired separately acquording to fiber and connectors configuration.

**Kit Splice Tray Stack 36F** - Set of accessories to accommodate mergers within the optical DIOs, composed of three splice trays for 12 fusion splices (total 36 fusion splices).

Must be adquired separately.

### Applications

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**Installation Environment** Indoor

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**Operation Environment** Non Aggressive

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**Warranty** 12 months

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**Extended Guaranty** 15 or 25 years - in accordance to the Special Warranty Program FCS

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### Advantage

- Compatible with standard 19", with ability to manage up to 144 fibers (groups of 6 or 12) in 4U height.
- Allows configuration with LC/SC or FC/ST optical adapters.
- Allows splices and connections, in 4 sliding trays with front access.
- The support for optical adapters, splice areas and storing the excess optical fiber are internal to the product providing greater protection to the system.
- Has sliding drawer system.
- Front cover made with acrylic and steel, to access the splice trays and connection, and steel back cover for termination to provide acess to the rear part of the ODF.
- Allows direct termination (field or pre-connectorized cables) or fusion, using the same basic module.
- Allows the identification of splices by labels and identification rings.
- Product resistant and corrosion-protected, to the conditions specified for indoor use (TIA-569-B).

**Constructive characteristic**

<b>High</b>	177mm (4U)
<b>Width</b>	496mm
<b>Depth</b>	465mm
<b>Painting Type</b>	Finished in scratchproof high resistant black epoxy paint
<b>Color</b>	Black
<b>Connector Type</b>	LC-duplex, SC, FC or ST E2000 on demand
<b>Cable type</b>	Optical cable type "tight" or "loose" construction. <sup>(2)</sup>
<b>Positions Quantity</b>	From 06 to 144 Fibers
<b>Material of Product body</b>	Steel SAE1020

**Accessories Included**

**DIO B144**

- Adapter panel for LC/SC;

To be purchase separately

- Adapter panel for FC/ST
- Adapter panel for E2000

**Complementary Accessories**

**Splice Tray Kit 12F/24F/36F**

- Tray to 12F/24F/36F fusions;
- 12/24/36 splice protectors 40mm;
- Plastic clamps;
- Numerical labels for identification;
- Screws.

**Optical Connectorized extension<sup>(3)</sup>**

- 02/06 optical adapters simplex or 01/03 duplex optical adapter;
- 02/06 optical extensions.

(Recommend the use of extension 0.9mm)

**Associated Solutions**

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

**Notes**

**Note**

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