B144 OPTICAL DISTRIBUTION FRAME

Product Type	Optical Distribution Frame
Product Family	TeraLan

Description

It consists of three main components, mounted directly at the factory or provided separately:

DIO B144 - Basic module - module responsible for accommodating and protecting the optical splices between the optical cable and pigtails, or accommodate the pre-terminated optical cables. Supplied with 4 sliding drawers up to 36 optical adapters (SC/LC or ST/FC) and rack-mounting standard 19". In case of using FC or ST connectors, it is necessary to purchase the adapter panel for this configuration.

Pigtail and Optical Adapter Kit - each kit consists of optical adapters and pigtails of 0.9 mm diameter. Must be acquired separately according to fiber and connectors configuration.

Splice Tray Kit Stack 36F - Set of accessories to accommodate splices within the optical ODF, composed of three splice trays for 12 fusion splices (total 36 fusion splices). Must be acquired separately.

Applications

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

- 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 higher 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-terminated 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

Height	177 mm (4U)

Width	496 mm
Depth	465 mm
Painting Type	Finished in scratchproof high resistance black epoxy paint
Color	Black
Connector Type	LC-Duplex, SC, FC, ST or MT-RJ E2000 upon request
Cable type	*Tight buffer* or *loose tube* optical cable construction.
Number of Ports	From 06 to 144 Fibers
Material of Product body	Steel SAE1020

Accessories Included

DIO B144

- Adapter panel for LC/SC;

To be purchase separately

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

* For the complete ODFs (factory-mounted), the accessories (splice trays, pigtails and adapters) are directly provided on the product.

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

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

(0.9 mm pigtail recommend)

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