



DIO A115

Product Type Optical Distribution Frame

Product Family TeraLan

Description

Composed by four main parts, sold separately:

- **DIO Wall A115 - Basic Module** - Responsible for accommodating and protecting the transition optic patches between the optic cable and the optic extensions (pig tails);
- **Conectorized Optical Extension**: each kit connects 2 fibers. Composed by optical adapters and optical extensions (pig-tails) necessary to splice with the optical cable.
- **ST Expansion Kit for 36 Fibers** - composed by 1 support panel for optical adapters.
- **LC/SC Expansion Kit for 36 Fibers** - composed by 1 support panel for optical adapters.
- **Kit Stack Splice Tray 24F** - composed by 2 splice trays for 12 fibers each. Used when the shelf is fully occupied by 48 fibers with LC Duplex adapters.

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

- The basic module is provided up to 24 optical adapters and up to 36 fibers (SC/ST/FC) with an appropriated expansion kit.
- The basic module is provided up to 24 duplex adapters - 48 fibers (LC)
- Can be installed in any type of plain vertical surface;
- Simple handle without any specials tools;
- Allow management at high density optical system with perspective of expansion and necessity of modularity;
- Two splice trays fixed at main articulated door, provide easy installation, allowing the process of fusion splice at horizontal position;
- Door with lock system;
- Two accesses, one in top and other down for optical cables entry. Another two accesses, top and down for optical path cords. All accesses have a rubber cover. Accesses limited at 27mm diameter;
- Guide of fibers for adequate bend radius provide optimal performance to optical fiber;
- Product protected and corrosion resistant, for the specified conditions of use in internal environments;
- Hybrid optical connectors can be configured;
- It can be installed in remote network locations, in environments that require electromagnetic immunity or even for multi-user service for high performance stations.

Constructive characteristic

Height	320mm
Width	425mm
Depth	82mm
Painting Type	Finished in scratchproof high resistance black epoxy paint
Weight	4.85 kg
Color	Black
Connector Type	LC, SC, ST and FC
Cable type	Optical cable type "tight" or "loose" construction. ⁽²⁾
Number of Ports	SC/ST/FC - 02 to 24 fibers, expansible up to 36 fibers LC (Duplex) - 02 to 48 fibers
Material of Product body	Steel SAE1020

Accessories Included DIO Wall A115 - Basic Module

- 02 splice trays;
- 24 splice protectors;
- 02 small plastic clamps;
- 12 medium plastic clamps;
- 14 identification rings (0 up to 6);
- 04 fixing bolts.

Complementary Accessories

Pigtail and Optical Adapter Kit

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

(0.9 mm pigtail recommend)

Expansion Kit for 36 fibers

- 01 support optical adapter panel;
- 01 splice tray;
- 12 splice protectors;
- 02 small plastic clamps.

Associated Solutions

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

Notes

Note

1 - In accordance to FCS extended warranty program