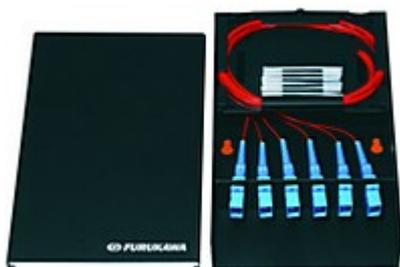# DIO A146

Product Type	Optical Distribution Frame
Product Family	TeraLan

Description

The ODF A146 is featured by internal organization of the optical adapters, what increase the protection for adapters and optical patch cords. Composed by two main parts, sold separately:

- **ODF A146 - Basic Module -** Basic Module LC/SC or Basic Module ST/FC: responsible to accommodate and protect the fusion splices between the optical cable and optical pigtails.
- **Pigtail and optical adpater kit :** each kit connects 2 fibers. Composed by optical adapters and optical pigtails for to splicing with the optical cable.

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 holds up to 6 optical adapters;
- Can be installed in any type of plain vertical surface;
- Simple handling without any specials tools;
- Due to its compact size, can be installed at remote network location, requiring a minimum space;
- Associated with models A270, A115 or HD144 as distributors, is a low cost solution with technical characteristics required by optical distributed backbones;
- The ODF A146 could be applied to attend multi-users for high performance station or in factory environment that need electromagnetic immunity;
- Two access to cable entry at superior side - diameter limited at 13mm;
- Allow assembly of loose tube, multicord or tight buffer cables (pre-terminated or not);
- Corrosion resistant, for the specified conditions of use in internal environments;

Constructive characteristic

Height	224 mm
Width	135 mm

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Depth	35 mm
Painting Type	
Weight	1.5 kg
Color	Black
Connector Type	LC, SC, ST and FC
Polishing Type	PC (SPC/UPC) / APC
Cable type	*Tight buffer* or *loose tube* optical cable construction.
Number of Ports	From 02 up to 06 fibers (SC, ST and FC) and 12 fibers (LC Duplex).
Material of Product body	Steel SAE1020
Accessories Included	**DIO A146 - Basic Module** • 01 splice tray; • 07 splice protectors; • 02 small plastic clamps; • 02 medium plastic clamps; • 02 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)
Performance	
Associated Solutions	FTTH, Data Center, Commercial Building, Health, Education, Governmental and Residential
Standards and Certifications	
Note	1 - In acconcordance to FCS extended warranty program 2 - Compatible with Tera-Lan® optical cables - up to 6 fibers. 3 - The performance specifications for the conectorized optical extensions are defined in the Technical Specification PT-1319.
Notes	