OPTICAL DISTRIBUTION FRAME
A270

Product Type	Optical Distribution Frame
Product Family	TeraLan

Standard	RoHS Compliant
Product Type	Optical distribution frame for fusion splices systems or pre-terminated systems.
Description	Composed by 5 main parts, sold separately:

- **Optical Distribution Frame A270 - Basic Module-** Responsible for accommodating and protecting the transition optic patches between the optic cable and the optic extensions (pigtails), or to accommodating the factory pre-terminated Optical Cables or field conectorized;
- **12F Splice Tray Kit:** Responsible for accommodating and protecting the fusion splices and fiber excess. Composed of up to 4 splice trays of 12 stackable fiber, 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.
- **Optical Extension (pigtail):** 0.9mm buffered fiber terminated in SC, LC, FC or ST connector, supplied with its optical adapter in kits for assembling 1 or 3 ports (02 or 06 fibers). Required for fusion splice systems.
- **Optical Adapter:** SC, LC, FC or ST adapters, supplied in kits for assembling 2 ports (04 fibers). Required for pre-terminated systems.
- **Adapter Panel -** Panel for fixing the optical adapters. Supplied in kits of 3 pieces, each one with two adapter spots. Can be found in 3 different shapes, for LC and SC adapters, for ST adapters and for FC adapters. Required for all systems.

Applications	
Installation Environment	Indoor
Operation Environment	Non agressive
Warranty	12 months
Extended Warranty	15 or 25 years - In accordance to the FCS Extended Warranty Program

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Advantage

- Optical Distribution frame for for fusions splice and pre-terminated systems;
- Capacity up to 48 fibers with LC-Duplex connectors;
- Adapter panel's modularity allows assembling more than one optical connector type simultaneously;
- Recommended for modular low fiber density systems;
- Protects the adapter panel and the fiber spare in a compact product, providing a safe and easy to use system;
- Hinged, swing down front door provides access to connectors and facilitates management of optical cords;
- Presents sliding drawer for easy installation of optical cables and pigtails;
- Supplied with internal fiber managers to ensure adequate bend radius and system performance;
- Compatible with 19"rack or cabinet;
- Presents corrosion resistance for installing according to internal environments defined by ANSI/TIA - 569;
- Multiple cable entries: 2 rear access, 2 side access, allowing installation of many cable diameters. The entries contain lock and anchoring systems for the entry cables;
- Internal fixing and routing system for loose tubes and spare fibers;

Constructive characteristic

Height	44 mm (1U)
Width	484 mm
Depth	338 mm
Painting Type	Finished in scratchproof high resistance black epoxy paint
Weight	3.4 kg
Color	Black
Connector Type	LC, MT-RJ, SC, ST, FC.
Cable type	Loose tube or tight buffer type up to 48 fibers.
Number of Ports	From 02 to 48 fibers, in function of the topology (fusion or field terminating) and of the connector type [2] [5]
Material of Product body	Steel SAE1020
Accessories Included	**ODF A270 - Basic Module** - 04 small plastic clamps; - 04 medium plastic clamps; - 02 identification cards; - 04 screws and 04 cage nuts for installation.

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[4]

- 0.9mm buffered pigtails supplied for 01 or 06 ports, together with the compatible optical adapter;

Adapter Panels KIT

- 03 panels (for 02 optical adapters each)

Associated Solutions

FTTH, Commercial Building, Healthcare, Education, Governmental and Residential

Standards and Certifications

Note

1 - In acconcordance to FCS extended warranty program

2 - Capacity:

- 48 fibers with LC-Duplex
- 24 fibers with SC, ST, FC or E-2000

3 - Compatible with 48 fibers cables.

4 - The mechanical and performance specifications of connectorized optical extensions are defined in their own Technical Specification.

5 - Capacity for 48 fibers by fusion only available with LC and MT-RJ connectors.

Notes

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