

Troy ODF System CAN-ODF-700

Side Access High Density Optical Distribution Frame

Overview

The key to a successfully managed transmission network lies in the choice of the right fiber optic distribution system. CAN-ODF-700 solution provides flexible cabling access, expandable frame concept, integrated cable management and a future proof modular design with the highest termination capacity possible and superior cable management. High density side access type of module is also designed to fit a variety of termination, splice, and storage applications.

Highlights

- Standard 19" & ETSI installations
- Designed to be used together with high density side access type modules
- Maximum fiber density of 2016 ports (splice & patch) and superior cable management
- Special cable glands to fix the maximum number of bundle cables on the ground
- Slot type cable guide compartments to feed the modules via miniflex tubes
- No crushed or stressed fibers
- Wide range of splice, patch and cable storage options
- Bend radius protection of 35 mm throughout entire frame and all modules
- Max. cable protection
- Interchangeable cassettes for various cable/tube counts and connector styles
- Accepts WDM and splitter cassettes
- Integral patchcord management

Density Information:

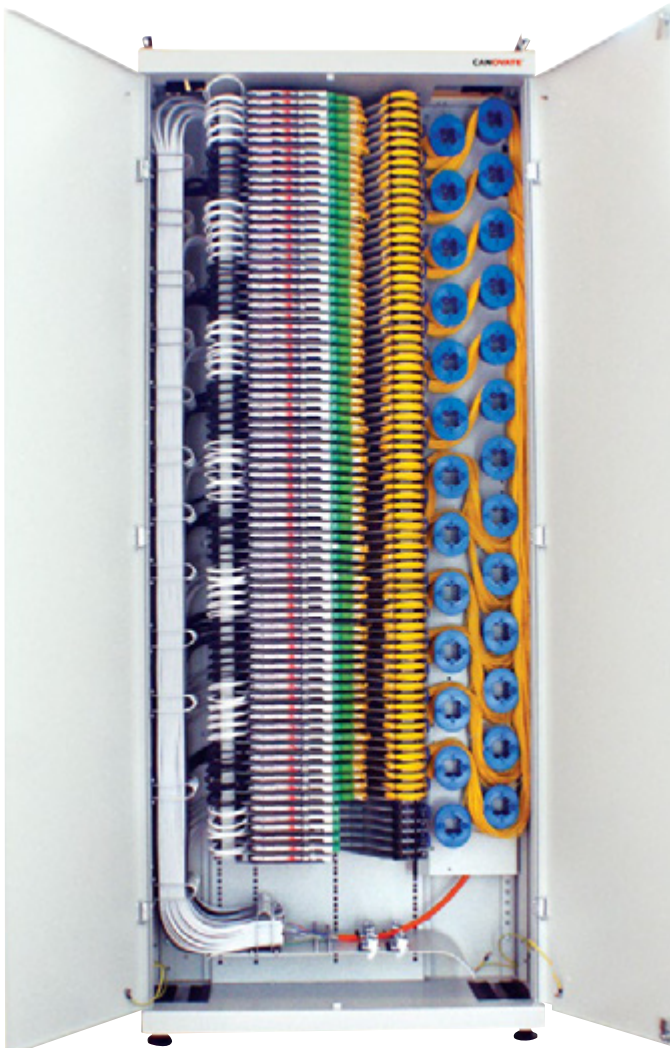
- 14 Modules in 47 U Frame
- LC, FC, ST, MTRJ, E-2000 interfaces etc available
- The Frames are compliant to Telcordia Specification GR-449-core

Technical Details

Dimensions	900 mm (W) x 300 mm (D) x 2200 mm (H)
Material	Mild Steel
Color	Powder coat RAL7035
Weight	120 kg / empty
Maximum Port Capacity	2016 Port (splice & patch)
Maximum High Density Side Access Modules	14 x 3U Module (144 ports) = 2016 ports of any SFF connector/frame
Compliance	GR-449-core of Telcordia Specification

Applications

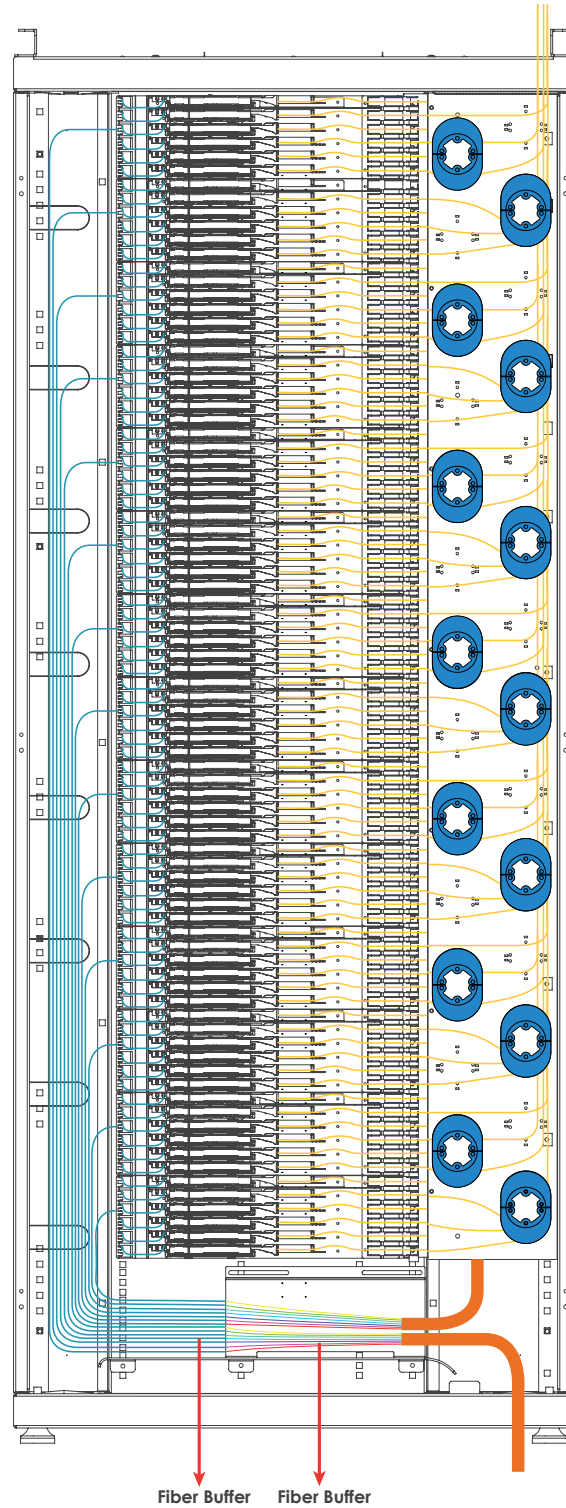
Fiber transmission Networks in Telco's Central Office applications, FTTH applications, Fiber exchange systems, Utility Networks



CAN-ODF-700

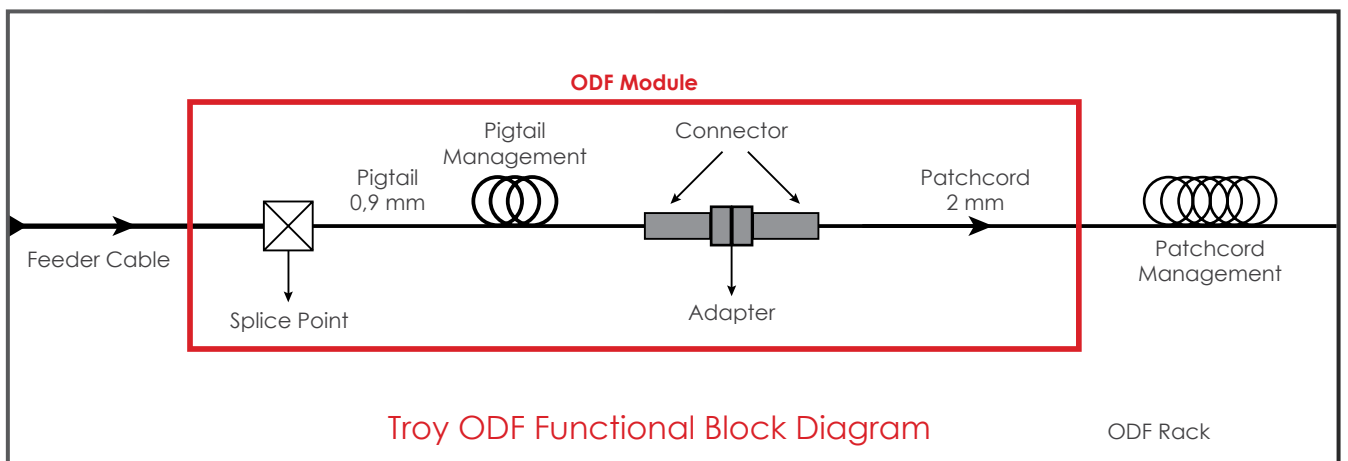


CAN-TROY-700



- Fiber Patchcord
- Fiber Spiral Tube
- Feeder Cable Input

Fiber Buffer Fiber Buffer



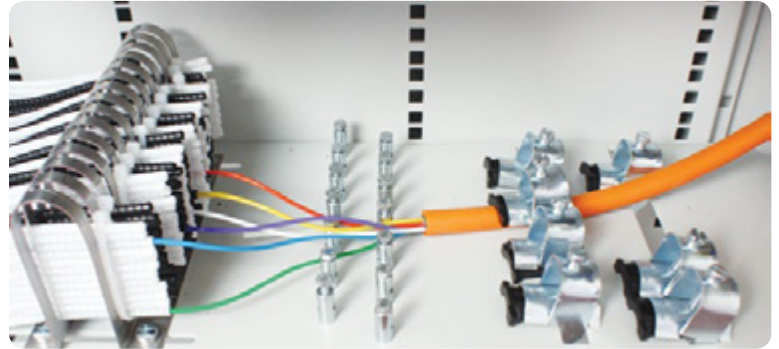
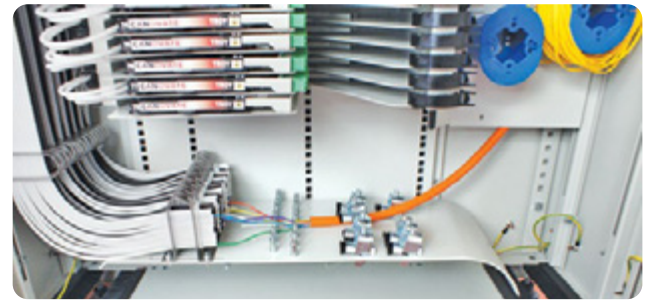
Troy ODF Functional Block Diagram

ODF Rack

Incoming Cable Management

Provides a secure anchor for incoming loose tube cables.

- Adjustable cable glands suitable for different cable diameters.
- Provides maximum protection for loose tubes.
- Expandable-further cable glands can be added.
- Provides easy access to existing cables and rapid installation of new ones.



Miniflex Tube Cable Entry

The Miniflex Optical Fiber Protection Tubing (OFPT) offers the ultimate protection to optical fibers and cables. It provides protection against crushing and kinking of fibers and hazardous tensile loads, while limiting any bends to an acceptable radius. It is the perfect cabling solution used in our Side Access High Density optical distribution frame solution.

- Bending radius limitation of loose tubes
- Flexible and kink resistant
- Easy insertion of loose tube
- Flame-retardant plastic (UL94 V-0), black or white

Special guiding slots ensure secure and flexible guidance of the fiber protection tubes to the splice modules.

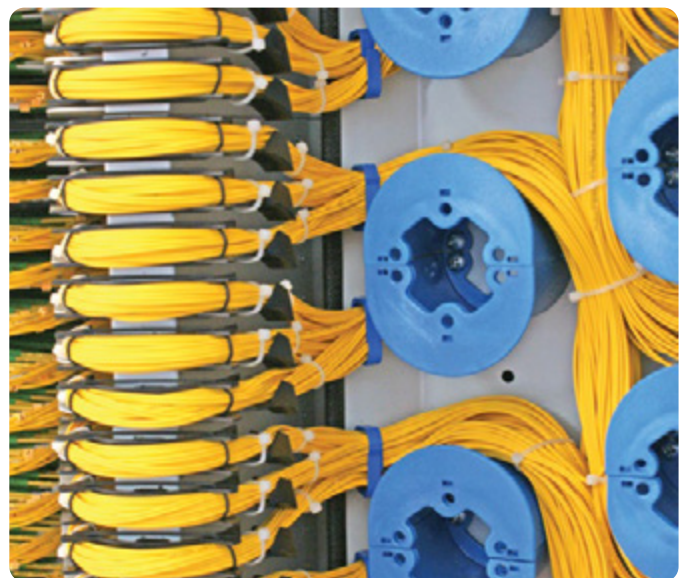


Patchcord Management

Patchcords are guided via special mandrels and cable guides to the excess cable storage area.

Excess cables are stored via special bend radien to ensure required bending criterias.

Special Radien and Cable Managers



Order Information

CAN-ODF-700-AA-BBB-CC-DD-EE				
Module Quantity	Port Capacity	Adapter Type	Mode	Pigtails
AA	BBB	CC	DD	EE
00 to 14	024 : 024 Fiber 048 : 048 Fiber 072 : 072 Fiber 096 : 096 Fiber 144 : 144 Fiber	01: ST 02: SC/PC 03: SC/APC 04: FC/PC 05: LC/PC 06: LC/APC 07: E2000	SS: Single Mode Simplex SD: Single Mode Duplex MS: Multi Mode Simplex MD: Multi Mode Duplex	00: Without Pigtails 01: With Pigtails *900 micron, 1,5 m length **coloured option with colour codes is available
CAN-ODF-700 06-144-05-SD-01	CAN-ODF-700 ODF cabinet with 6 modules CAN-TROY-700, 144 Port, LC/PC Adapter Type, Single Mode Duplex, with pigtails			
CAN-ODF-700-EMPTY	CAN-ODF-700 ODF cabinet without modules, only ODF frame with cable management tools			

For different configurations please contact with sales department.