

## 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:

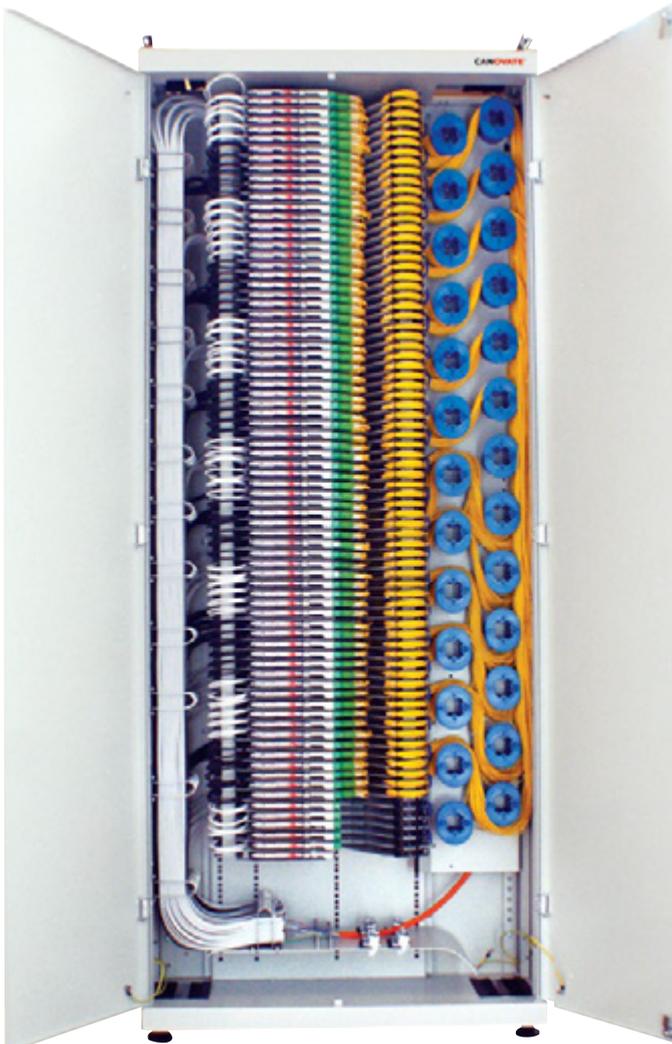
- 14 Modules in 47 U Frame
- LC, FC, ST, MTRJ, E-2000 interfaces etc available
- The Frames are compliant to Telcordia Specification GR-449-core

#### Technical Details

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

#### Applications

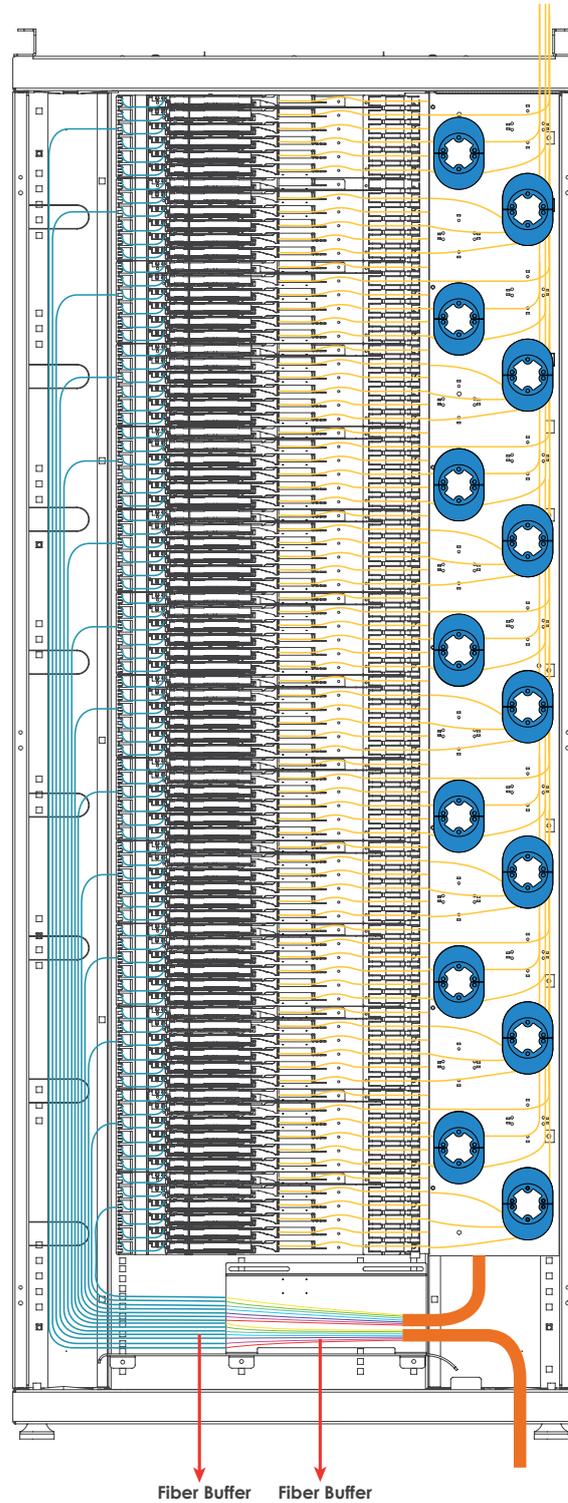
Fiber transmission Networks in Telco's Central Office applications, FTTH applications, Fiber exchange systems, Utility Networks



CAN-ODF-700

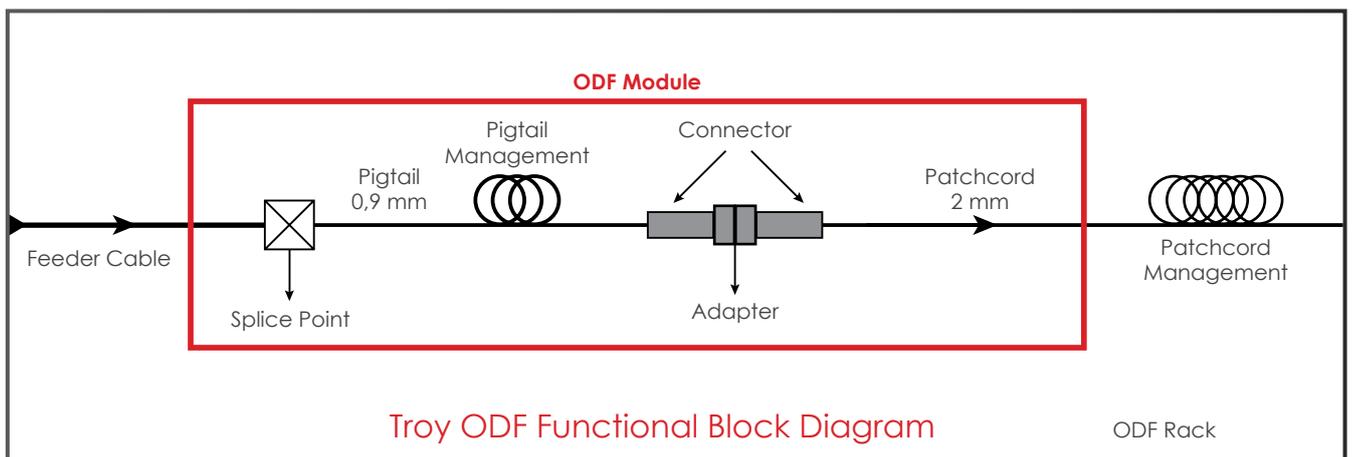


CAN-TROY-700



- Fiber Patchcord
- Fiber Spiral Tube
- Feeder Cable Input

Fiber Buffer    Fiber Buffer



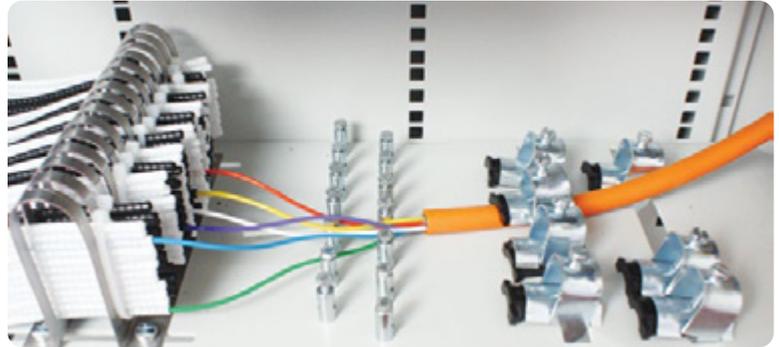
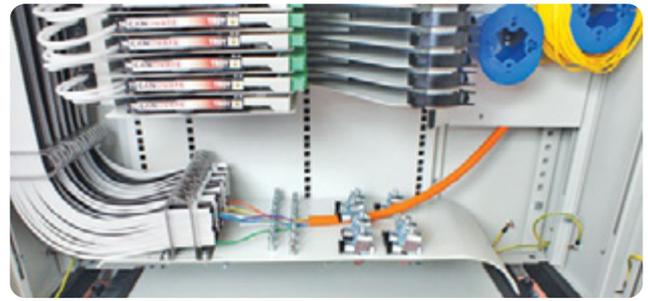
Troy ODF Functional Block Diagram

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

