

# FTTH PROJECT



OPTICAL DISTRIBUTION CABINET (ODF)

**Features**

- Modular and flexible system that grows with your network
- MultiCircuit and SingleCircuit fiber management and combination both
- Separation of incoming and outgoing fiber, top or bottom cable entry
- Bending radius control throughout; 35mm for fibers and patchcords and 45mm for loose tubes
- Management of loose tubes preterminated cables
- Intelligent variants for storing, routing and cross-connecting fiber optic patchcords
- Generous frontal patchcord management
- Integration of standard and SFF connectors
- High fiber density without compromising performance, reliability or handling
- Easy installation and handling by only one person



FUSED SPLITTER 1 X 4

TRIDENT7 (OLT SYSTEM)

The foundation for the T7 is the modular Optical Line Terminals (OLTs). In addition to supporting all three of the aforementioned standards, T7 OLTs also include Enablence's unique and often patented advancements, including multi-layer QoS for SLA assurance, integrated RF return, SRS immunity, and enhanced security.



PLC OPTICAL SPLITTER 1 X 16 CASOTTE TYPE



FIBER DISTRIBUTION POINT (AERIAL)



PEDESTAL FIBER DP



FIBER DISTRIBUTION CABINET (FDC)



3OPP TERMINATION BOX



FIBER OPTIC SPLICE CLOSURE (FOSC)



FIBER OPTIC TRUNKING SYSTEM (FOTS)



PLC OPTICAL SPLITTER 1 X 16

# FTTH PROJECT



One Pass Surface Mount Wall Outlet



In Living Unit (ILU) Duct



ADHESIVE TAPE FIBER (ATaF)

## ONE PASS IN LIVING UNIT (ILU) SOLUTION

- One Pass In Living Unit (ILU) Solution is designed for use in brownfield Multi Dwelling Units (MDUs) serviced by FTTH networks
- Also suitable for hotels, schools, hospitals, and small businesses
- The One Pass ILU Solution is a surface mount cable pathway and drop cable solution installed in just one pass
- Used to connect to hallway distribution cables from a point of entry location in an apartment to a wall outlet positioned near an ONT for distributing FTTH services to tenants
- Utilizes 3M adhesive technology to adhere duct to wall
- Compatible with a variety of wall surfaces
- Factory terminated at one end with a SC connector (optional)
- Suitable for indoor use



## E - BIF (ENHANCED BENDING INSENSITIVE FIBER)

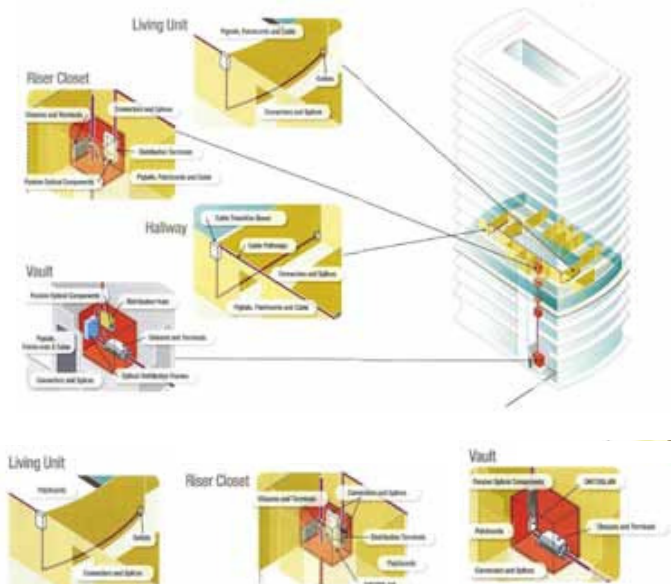
Premium Quality Bending Insensitive Fiber Exceeding ITU-T G.657B3

- Uniform quality and high level mechanical reliability comparable to conventional single mode fiber
- Excellent optical properties for FTTH network applications
- Trench structure, High durability and Ease of splicing



ATaF WITH CABLE INSIDE

## ONE PASS IN LIVING UNIT (ILU) SOLUTION



## FIBER IN SEWAGE SYSTEM

### FAST Installation

FAST in manholes

2 anchors



2 anchors and overlength box



1 anchor, then exit



### FAST Installation

Robot pushes the conduits into the clips on the rings



Conduit

number of conduits

Ø 32 mm

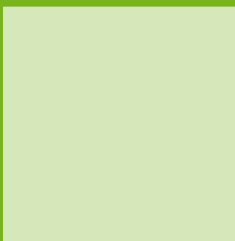
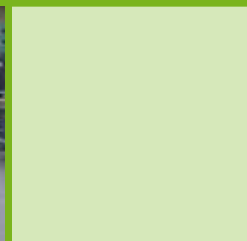
max 9 (depending on sewer diameter)

Ø 14 mm

max 6 (depending on sewer diameter)

# FTTH PROJECT

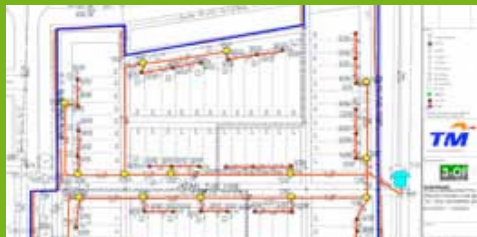
PROJECT: PLAN & DESIGN FOR FTTH PROJECT PHASE II, SUBANG JAYA



CABINET REHABILITATION



No.	Spanning Distance	Property Description	Type	Property	YR	Phone Lines Calculated	Phone Lines Provided	SPR	SPR
1.	1.00	Four Storey Shop	150	100%	100	110	10		
2.	1.00	Three Storey Shop	0	100%	0	0	0		
3.	1.00	Four Storey Shop	150	100%	150	150	0		
4.	1.00	Four Storey Shop	150	100%	150	150	0		
Total			450		450	450	0		



HOME PASS PLANNING

