



Dura-Line – Plumettaz Fiber Academy



Academy of Fiber, FTTH & Fiber Installation Training

One of its kind training institute in the world

A photograph of the Duraline-Plumettaz Fiber Academy building. It is a long, single-story structure with a red-tiled roof and walls made of reddish-brown stone or brick. The building has a series of arched windows and doorways. In front of the building is a paved courtyard with a central path. The courtyard is filled with various potted plants, including palm trees and other tropical foliage. A low brick wall runs along the left side of the courtyard. The sky is clear and blue.

**DURALINE-PLUMETTAZ
FIBER ACADEMY**

Dura-line Certified Fibre NW Expert - 3 Days

- Ducting Solution
- Products and Accessories
- Handling and Storage
- Technical Parameters for Duct Laying
- De-Coiling & Laying
- Safety Aspects
- DWC Duct Casing
- Essential Tools
- Blowing Machine - Operation and Maintenance
- DIT, Cable Blowing & De-Blowing
- MicroDuct Override
- Fundamentals of Fibre Optics
- Splicing, OTDR Testing & Trouble Shooting

FTTH Basics - Design and Deployment – 5 Days

... Additional Content

- Fundamentals of Access Network Technologies
 - ADSL, DSL, VDSL, PON, APON, BPON, EPON & GPON
- FTTH Passive Network Layout Design
- Deployment of FTTH (OLT, ONU, ODN)



Organizations Trained



- Vodafone
- Orascom
- NSN
- Telenor
- Alcatel Lucent
- Neotel South Africa
- Dartcom South Africa
- DFA South Africa
- Tata Communications
- Bharti Airtel
- Omantel
- Dialog, SLT
- Mobily Saudi
- Etisalat UAE
- Vodafone Tanzania
- LT - Africa
- Idea Cellular
- Bahwans Oman
- Aircel
- Nepal Telecom etc...

On-Site trainings - Telenor, NSN South Africa, Etisalat, Vodacom, Liquid Zimbabwe, ACC, Kuwait, Mobily, Saudi Arabia etc....



Academy Classroom





Academy Demo Area





Academy Training Programs



Dura-line Certified Fiber NW Expert - (3 Days)

Program content

- **Introduction to Ducts**
- **Duct Products and Accessories**
- **Duct Handling and Storage**
- **Technical Considerations for Duct Laying**
- **De-Coiling & Laying**
- **Safety in Field**
- **DWC Duct Casing**
- **Installation Demonstrations**
- **Duct Tools and Accessories**
- **Blowing Machine - Operation and Maintenance**
- **DIT, Cable Blowing & De-Blowing**
- **Micro-duct Override.**
- **OFC, Splicing & OTDR Testing .**



Program content

- Duct Product and Accessories , Storage & Handling
- Machines & Accessories
- Micro Technology
- Fundamentals Of Fiber Optics.
- Splicing and OTDR Testing
- Fundamentals of Access Network Technology
(ADSL, DSL, VDSL, PON, APON, BPON, EPON & GPON)
- Deployment of FTTH (OLT, ONU, ODN)
- FTTH Network Topology
- Application of FTTH
(Data, Audio, Video & LAN Services)



Organizations Trained by edra-line

- Tata Communications
- Bharti Airtel
- Bangla Telecom
- Banglalink
- Tata Teleservices
- BSNL
- TCIL
- AFS
- SRV
- L&T
- Oil India
- DAMAMAX Jordan
- ETISALAT UAE
- Vodafone
- Idea Cellular
- Aircel
- Dartcom - South Africa
- Bahwan Trading (Oman)
- Alcatel Lucent
- Nepal Telecom
- Liquid Zimbabwe
- Mobily KSA
- PDC Malaysia
- SOON POH Singapore
- Airtel – Africa (Congo, Kenya, Point Noir, Tanzania)
- etc...

Our Key Clients



Class Room Training



NFS Course Certification



Services



- Site Supervision
- Duct Integrity & Acceptance Testing
- Cable Installation, Jointing & Testing
- Fluid Pipes Jointing & Hydro-testing
- Design solutions
 - FTTX in Telecom
 - Water distribution Piping systems
- Training Services
 - Dura.line certified Network Expert
 - FTTH basic design & Deployment



Training Services



Training Record



- Approx 1000 professionals trained over last 6 years
- Training to personnel from leading Telcos
 - Airtel, Vodafone, Alcatel Lucent, Orascom, Telenor, Etisalat, Botswana Telecom, Vodacom, NSN, PTT, Omantel, Dialog, SLT.
- On-Site training conducted for Telenor, NSN, Etisalat, Vodacom



ACADEMY – TEST CENTRE



Training Class in Progress



Test Rigs— FIG 8



Blowing Testing / Demo



MicroDuct installations



1. Blowing Conventional/Micro cable in a standard duct
2. Over-Ride - Blowing two MicroDucts in the remaining space
3. Simulation of in-building Fiber installation - Demonstration of 2F cable installation with Ultimaz
4. Home Fiber Provisioning - Demonstration of Cable Installation with Stringing Gun
5. Demonstration of Locating Device with GPS co-ordinates



Micro Trenching



Micro Trenching

