

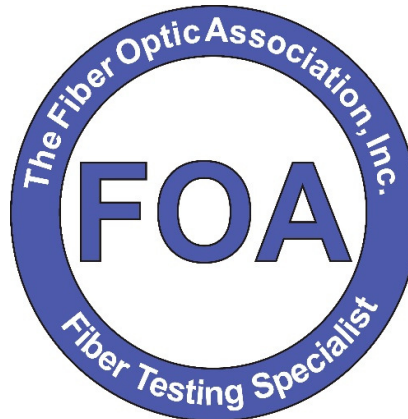
Fiber Testing Specialist

2026 Course date/s

08 - 11 September

Venue

MetroFibre Training Room
Eco-Square
298 Witch-Hazel Ave
Centurion



mictseta
ACC/2012/05/771
SAQA ID 246722
NQF level 04
Credits 03

Cost: R 9 600.00 p.p. incl. VAT
Duration: 4-days
Time: 08h30 to 16h00



Expansive theoretical coverage and all-encompassing hands-on activities is the key focus of this advanced testing course.

- ⊙ FTTH, PON, iOLM testing
- ⊙ Inline PON Power Meter
- ⊙ Optical Xplorer OX1
- ⊙ Save test results
- ⊙ FastReporter management
- ⊙ Launch and receiver test leads
- ⊙ Interpret pass/fail readings for:
 - Splice loss
 - Connector loss
 - Splitter loss
 - Fibre attenuation
 - Reflectance & ORL
 - Macro and micro bends
- ⊙ OTDR testing
- ⊙ Gainer and exaggerated loss
- ⊙ IL testing (source and power meter)
- ⊙ PON Power meter
- ⊙ Connector cleaning and inspection
- ⊙ CD and PMD testing



PON and Point-to-Point Testing Learning Outcomes

- Explain the role of an OLT, feeder cables, splitters, distribution cables, drop cable, and ONT.
- Configure iOLM for a multi-stage PON route.
- Use launch/receive cables and apply clean/inspect practices correctly.
- Interpret icon-based events, loss values, reflections and pass/fail flags.
- Locate feeder, distribution, splitter, connector, macro and micro-bends, and drop cable faults.
- Calculate a practical optical loss budget, which contains a safety margin.
- OTDR Testing.
- OTDR Trace Analysis.
- OLTS Testing
- Save test results



WHO SHOULD ATTEND? Prerequisites for this course includes having a FOA Certified Fiber Optic Technician (CFOT) certification, or a minimum of 2-years testing experience.

Please complete the Registration Form below and submit for invoicing to:
register@tripleplay.co.za

DELEGATE 1 @ R9,600.00 incl. VAT:

DELEGATE 2 @ R9,600.00 incl. VAT:

Name:

Surname:

Telephone:

Mobile:

Email:

Name:

Surname:

Telephone:

Mobile:

Email:

Company Name:

VAT Registration #

Postal Address:

Contact Person:

Telephone:

Email:
