

## **Clipsal Datacomms – Fibre Optic Testing Workshop**

**Course Code:** CLIP3

**Duration:** 1 Days

**Cost:** \$300

### **Course Purpose:**

The Clipsal Fibre Optic Testing Workshop is a new innovation in certification programs, independent of tester manufactures. The course is designed to enhance the knowledge of the industry professional.

### **Prerequisite Knowledge:**

There are no prerequisites for this course.

**Course Objectives** – This course will provide the following benefits:

- Familiarity with the latest testing standards.
- Understanding of different fibre types.
- Quick analysis and rectification of common faults.
- Understanding of Laser, VCSEL and LED transmission.
- Familiarity with Standards Requirements.
- Understanding various testing methods.
- Understanding safety with fibre.

### **Target Audience:**

- Communication Equipment Installers, technicians and electrical contractors.
- IT managers and support staff.
- Consultants.
- End Users.

### **Course Content:**

- Theoretical
  1. Channel and permanent link testing (what is the difference).
  2. Calculations of light budgets.
  3. Inherent damages of fibre optic cables.
  4. Equipment requirements for fibre optic testing.
- Practical
  1. Fibre Optic splicing made easy.
  2. Using the OTDR.
  3. Power meter and light source testing.

### **Duration and Delivery:**

- a. One Day Training Course
- b. In – class sessions at Schneider Electric training rooms, and hotel conference facilities at main centres though out New Zealand.