

### Optical Fibre System CTO901

#### Features:

*Optical Fibre System enables unlimited experimentation using on-kit circuitry and external interfaces*

*Specially designed reusable PCBs for link construction*

*Compatible light source and power meter*

*Comprehensive laboratory manuals covering fibre optic theory and experimental assignments*

#### Curriculum Coverage:

- *Multimode plastic fibre characteristics*
- *Multi-mode glass fibre characteristics*
- *Laser diode module*
- *Avalanche photodiode module*
- *LED module*
- *PIN photodiode module*
- *Digital communications concepts*
- *Fibre optic link design and analysis for analogue and digital systems*



The Optical Fibre System is a comprehensive laboratory system designed to train users in Fibre optic devices and digital communication systems. It is also a useful development tool suitable for research projects and building prototype systems.



The Laboratory spans fibre optics and related subjects that include:

- Fibre optic device characteristics
- Principles of fibre optics and digital communications
- Fibre optic equipment
- Digital and Analogue fibre optic links

The Optical Fibre System is suitable for many levels of education:

- Scientific/Technical Professionals
- Research and development personnel in industry
- Technical training centres
- Students in Polytechnics and science colleges