



OMEGA TYPE FO-006 Fibre-Optic Voice Transmitter and Receiver Trainer has been designed specifically to learn mysteries and science of Fibre Optics. In a way it is a Lab-Optics Voice Link Trainer Practical experience on this Trainer carries great educative value for Science & Engineering Students.

OBJECTS:

- 01 Study of fibre - optic transmitter and receiver for audio signal transmission.
- 02 Study of fibre - optic transmitter and receiver for voice signal transmission.

FEATURES

The trainer consists of the following built-in parts:

- 01 Fibre-Optic transmitter @ 660nm.
- 02 Audio Amplifier circuit.
- 03 12V & 6V DC at 200mA, IC Regulated power supply internally connected.
- 04 One mike connector.
- 05 Potentiometer to vary the current of LED.
- 06 Fibre - optic photo transistor.
- 07 Detector circuit with speaker of 8 ohms.
- 08 Mains ON/OFF, Fuse and jewel Light.
- 09 A mike to transmit voice.
- 10 One meter PMMA (Fibre Optic Cable)

- 11 The units are operative on 230V \pm 10% at 50Hz A.C. Mains.
- 12 Adequate no. of patch cords stackable 4mm spring loaded plug length 50cm.
- 13 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
- 14 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 15 Weight : 3 Kg. (Approx)
- 16 Dimension : W 340 x H125 x D 210

OTHER APPARATUS REQUIRED :

- 01 Cathode Ray Oscilloscope Dual Chanel 20MHz.
 - 02 AF/RF Generator 10Hz to 1 MHz
- OMEGA TYPE AO-309.

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS