Order Code - 28506
Fibre-Optic Voice Transmitter & Receiver Trainer

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.

Experiments:
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 and five-meter PMMA patch cords with in - line adaptor.
11. The units are operative on 230V ±10% at 50Hz A.C. Mains.
* Adequate no. of patch cords stackable 4mm spring loaded plug length ½ metre.
* Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections / observation of waveforms.
* Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Other Apparatus Required:
* Cathode Ray Oscilloscope 20MHz.
* AF/RF Generator 10Hz to 1 MHz Order Code - 16902

Note: Specifications are subject to change.

Tesca Technologies Pvt. Ltd.
IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com
Website: www.tesca.in