

Product Name :
Fiber Optics Communication training kit

Product Code :
SH845



Description :

Fiber Optics Communication training kit

Technical Specification :

Fiber Optics Communication training kit

Fiber Optics Communication training kit is basically designed to learn the communication techniques in Fiber Optics. The trainer demonstrates properties of Fiber Optics Transmitter & Receiver, characteristics of Fiber Optics Cable, different types of Modulation / Demodulation techniques and PC to PC communication via fiber link using RS232 interface.

Full Duplex Analog & Digital Trans-receiver

Single Module covering large number of experiments including experiments with Optical Power Meter 660 nm & 950 nm channel with Transmitter & Receiver

AM-FM-PWM modulation / demodulation PC-PC comm. with RS232 ports & software On board Function Generator

Crystal Controlled Clock

Functional Blocks indicated on-board mimic Input-output & test points provided on board On board voice link

Built in DC power supply

Numerical Aperture measurement jig and mandrel for bending loss measurement Switched faults on Transmitter & Receiver.

Product Features:

Simplex Analog and Digital Transreceiver

660 nm channel with Transmitter & Receiver

AM-FM-PWM modulation / demodulation

On board Function Generator
On board Clock & Data Generator
On board Bit Error Counter
Crystal controlled Clock
Functional blocks indicated on-board mimic
Input-output & test points provided on board
On board voice link
Built in DC Power Supply
Numerical Aperture measurement jig and mandrel for bending loss measurement
Switched faults on Transmitter & Receiver.

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