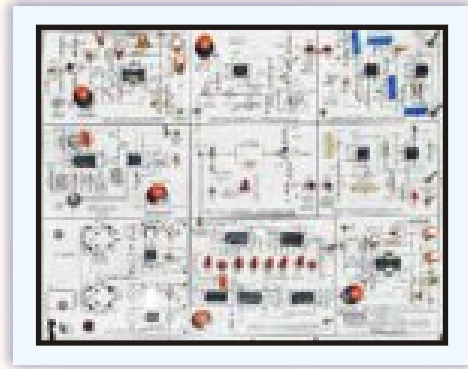




FIBER LINK D PHYSICS OF FIBER OPTICS TRAINER

MODEL : FOTLINK-D

This trainer has been designed with a view to provide practical and experimental knowledge of a general circuit of Fiber Link D Physics of Fiber Optics Trainer.



SPECIFICATIONS

1. Transmitter : 1 No. LED.
Peak wavelength of emission 635 nm Red visible.
2. Receiver : 2 Nos. LPT2023 silicon photo detectors.
3. Modulation : Intensity modulation.
4. Driver Circuit : Analog and digital configuration for 635 nm LED.
Analog Bandwidth : 35KHz.
Digital Bandwidth : 100KHz.
5. On-Board Function Generator : 1 KHz variable amplitude sine wave.
1 KHz TTL square wave.
6. Voice Communication : Fiber optic voice link using dynamic MIC & SPEAKER.
7. Signal strength indicator : 7 LED's provided to measure optical power.
8. Fiber Optic Cable : Type : Plastic Fiber, Step Index, Multimode.
Core refractive index-n 1 : 1.492.
Clad refractive index-n2 : d 1 .406.
9. Numerical Aperture : 0.5.
10. Acceptance Angle : 60°.
11. Fiber Diameter : 1000 microns.
12. Outer Diameter : 2.2 mm.
13. Fiber Lengths : 1 & 4 Meter.
14. Power Supply : GND, + 5V, + 12V, -12V

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

Sigma Trainers
E-103, Jai Ambe Nagar,
Near Udgam School, Thaltej,
AHMEDABAD - 380054.

Phone : 079-26852427 / 26767512
Fax : 079-26840290 / 26759661
ISDN : 079-26859162 / 26853758
Email : sales@sigmatrainers.com
: sigmatrainers@sify.com
Web : www.sigmatrainers.com

Dealer:-