

Product Code . ILS-ELE-10560

Data Communication Trainers

Description

Data Communication Trainers

In depth knowledge of ports and its functional details can be studied with the use of the supporting software provided. Manuals and notes help the user to understand the major terminologies and theory related to Data Communication. The user can perform number of experiment on trainer relating to base band data transmission like wire link, optical fiber link and wireless link through serial port to observe data transmission from one PC to another. Moreover user can also understand the technique relating to modulated data transmission like FSK Modem through serial port to observe data transmission from one PC to another.




Technical Features:-

- PC-PC communication using USB-UART interface.
- Serial Communication: RS-232 protocol using DB-9 connector.
- Infrared Transmitter: IR LED.
- Infrared Receiver: Universal IR Receiver.
- Core type: Step indexed multimode PMMA plastic cable.
- Data generator: 8-Bit NRZ type.
- Modulation: FSK Modulation.

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- Carrier: 300 KHz.
 - Parallel Communication: Using LPT protocol.
 - Fiber Optic Transmitter: Dual Photo LEDs.
 - Fiber Optic Receiver: Dual Photo detectors.
 - FSK Demodulation: Tone Decoder.
 - Interconnections: 2mm gold plated pins.

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Direct Contact Details  +91-8569909696  sales@indianlabsuppliers.com
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