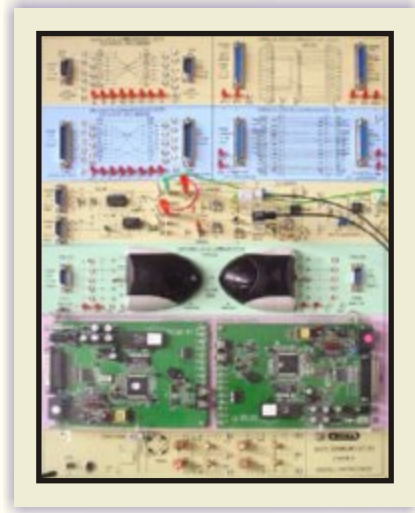




ADVANCED DATA COMMUNICATION TRAINER MODEL - DATACOM200

This trainer has been designed with a view to provide practical and experimental knowledge of different methods for Networking between two computers..



SPECIFICATIONS

1. COM1 Networking
2. COM2 Networking
3. LPT1 Networking
4. RJ45 Cross Networking
5. USB Networking
6. Fiber Optic Networking (1 Bit)
7. Star Topology Networking
8. Client Server Networking
9. Bus Topology Networking
10. Firewire Networking
11. Infrared Wireless Networking
12. Blue tooth Wireless Networking
13. Wifi Networking Peer to Peer- Adhoc
14. Wifi Networking Client Server - Infrastructure.

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

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Dealer:-

SPECIFICATIONS

1. Serial Communication : RS-232 Com Port - 9 pin
2. Serial Communication : RS-232 Com Port -25 pin
3. Parallel Communication : 25 pin LPT port
4. Optic Fiber Communication:
 - Transmitter : Peak wavelength of emission 660 nm visible Red.
 - Receiver : Photo detector.
 - Baud Rate : 1 kbps
 - Fiber Optic Cable : Plastic Fiber Step Index, Multimode.
 - Length : 1 feet
5. Modem Communication:
 - Modulation : FSK Modulation
 - Baud Rate : 56KBps (Max)
 - Twisted Pair Link : RJ 11 telephone Connector
6. Rj45 Cable Communication:
 - Maximum Speed : 10MBps.
7. USB 2.0 Cable Communication:
 - Maximum Speed : 200MBps.
8. Firewire Cable Communication:
 - Maximum Speed : 400MBps.
9. Infra Red Wireless Communication :
 - Infrared Transmitter : IR LED 920nm
 - Baud Rate : 2.4 KBPS
 - Carrier Frequency : 38 Khz
10. Blue tooth Wireless Data Communication:
 - Communication : Peer to Peer
 - Blue tooth Adaptor : 720 KBPS.
11. Wifi Wireless Data Communication:
 - Communication : Ad-Hoc Peer to Peer
 - PCI Card : Wireless 22MBPS.
12. Accessories: :.
 - RS-232 COM1 Cable : 2 Nos.
 - Db25 Parallel cable : 2 Nos.
 - Modem Adapters : 2 Nos
 - Modem Cables : 2 Nos.
 - RJ11-RJ11 Cable : 2 Nos.
 - Plastic Fiber Cable : 1 No
 - Software : Windows 98 SE based Software
 - Manual : 1 No.
14. All parts are soldered on single PCB of size 20" x 15" with screen printed in multicolor
The acrylic cover is fitted on PCB to safeguard parts on front side in elegant wooden box having lock and key.

Note: -

Two Computer systems (Pentium IV 1.5 Ghz, 4GB HD, 128 MB RAM) with Windows Second Edition are required to operate this trainer. Also two telephone lines are required for Modem to Modem Data transfer experiment.