

Hardware & Network Trainer

Features

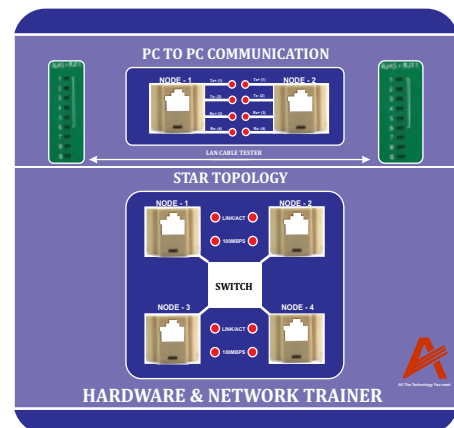
- PC to PC communication with IEEE 802.3
- Design of Star topology using 100Base-Tx
- Creation of cables for network connections
- Network design using RJ-45 connectors
- Data Encryption and Decryption
- Various LAN Protocols
- Data rate up to 100Mbps
- Variable packet size
- Variable packet delay
- Error generation (Manual and Auto)
- Real time graphical representation of entire transmission & reception
- User friendly software
- Switch faults in both hardware & software
- Exhaustive course material & references
- On Board lan cable tester

Technical Specifications

- PC to PC using RJ-45 Connector
- Star topology using RJ-45 Connector
- Data transmission speed: 10/100 Mbps
- 2 Nodes
- Power Supply: 220V \pm 10%, 50Hz/ 60Hz on request
- Power consumption: 1.8 VA (approx.)

Experiments that can be performed

- Study & implementation of cable designs in networking
- Implementation of PC to PC with IEEE 802.3
- Implementation of Star topology using 100BaseTx
- Study of protocols
- Study of flow control
- Stop-N-wait
- Go back to N
- Selective repeat



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