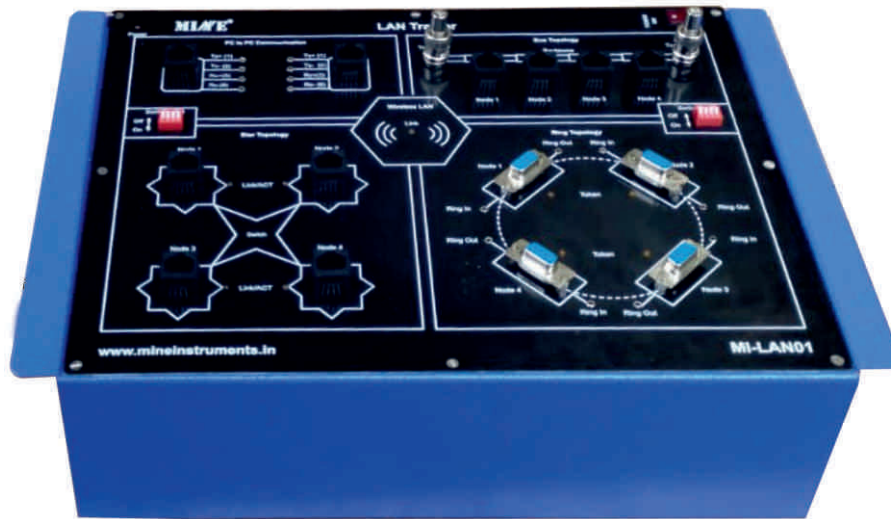




MI-LAN01 LAN (Local Area Network) trainer specializes in teaching the fundamentals and practical aspects of networking within a local area. They provide training on topics such as network setup, configuration of routers and switches, IP addressing, and troubleshooting. The focus is on hands-on experience, helping learners understand how to build and manage a LAN effectively. LAN trainers also cover network security, performance optimization, and the use of various networking tools, equipping participants with the skills needed to operate and maintain local networks in real-world scenarios.

Features

Software Features:

- Data transmission speed: 10/100 Mbps 4 Nodes Software
- Protocols: CSMA/CD, CSMA/CA, Stop N Wait, Go back to N, Selective repeat, Sliding Window & Token Ring
- Packet size: 128, 256, 512, 1024, 2048, 4096, 8192, 16384
- Inter Packet delay: 1000 – 5000 ms
- Error generation: Acknowledgment lost, bad packet, auto error generation

Hardware Features:

- PC to PC using RJ-45 Connector
- Star topology using RJ45 Connector.
- Ring topology using DB9 Connector
- Star, Bus & Ring selection

Learnings:

- Study & implementation of cable designs in networking.
- Study & implementation of PC to PC.
- Study & implementation of Star Topology.
- Study & implementation of Bus Topology.
- Study & implementation of Ring Topology.
- Complete analysis of Network & Protocols & Study of Protocols.
- Network design using RJ45, BNC & DB9 Connectors.

Accessories

- LAN Cable Tester (1 nos.)
- USB Dongle (2 nos.)
- RJ45-RJ45 Connectors (4 Cable)
- Mains Cord .(1 nos.)
- Patch Cord 2mm (4 nos.)
- Manual (1 nos.)

Optional

Computer (2nos.)



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