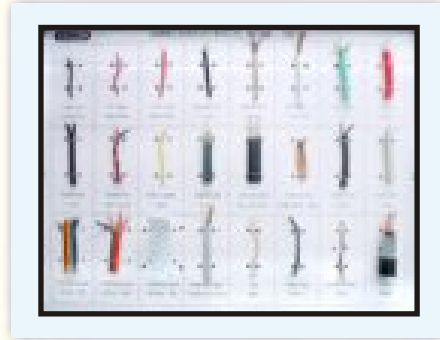# SIGMA

NETWORK CABLING TRAINER
MODEL - CABLE100

This trainer has been designed with a view to provide practical and experimental knowledge of a Network Cabling.

SPECIFICATIONS

HARD WARE

Following Tools and cables are included:

1.   Tools

      Trainer Module

      Fault Insertion Board

      Patch cables

      Wire Stripper

      Digital multimeter

      Cable tester

      RG8, RG6 and RG58 Stripper and Crimper

      UDC/RJ45 Adapter

      110 Punchdown Tool

      RJ45 Crimper

      Nipper

      Thicknet Tap

      Groove Joint Pliers

2.   Cable and connector/ modular jack

    i.   RG-6 Coaxial cable 300m and F-type connectors 10 pieces.

    ii.   RG-58 Coaxial Cable 300m and BNC-connectors 10 pieces.

    iii.   RG-8 Coaxial Cable 300m and N-type connectors 10 pieces.

    iv.   UTP (Cat. 5) cables 300m and RJ 45 modular jack (10 pcs)

    v.   STP (Cat. 5) cables 300m and RJ 45 modular jack (10 pcs)

    vi.   Wallplate 100 pieces

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

EXPERIMENTS

1.   Identify All Parts

2.   Cables Identification

3.   Tools Identification and Standards

4.   Network Topologies

5.   Closets and cross- connects

6.   Grounding

7.   4-pair cables and connectors

8.   Cable Basics

9.   Making Patch Cables

10.   RJ-45 Modular Outlet punch down

11.   RJ-45 Modular Outlet (edge connector)

12.   DB15 Connectors

13.   2 pair cables and connectors

14.   Coaxial cables, connectors and Taps

15.   RG-6 and F-connector

16.   RG58, BNC-connector and Taps-ThinNet

17.   Blue print reading

18.   Fiber optic and wireless systems