



EDGE NETWORKING TRAINER

MODEL - EDGE100

This trainer has been designed with a view to provide practical and experimental knowledge of EDGE (Enhanced Data Rates for GSM Evolution) Networking - 2.75G



Comp-1



Comp-2

SPECIFICATIONS

(A) **COMPUTER SYSTEMS: - 2 Nos.**

(B) **EDGE Modem - 2 Nos.**

- * Provides High-speed data (up to 284 kbps) connectivity to mobile users
- * Provides GPRS/GSM data (up to 85.6 kbps) connectivity
- * Provides transparent handover between UMTS and GSM/GPRS networks
- * Supports IPsec client software for end to end secure corporate data exchange and synchronization over VPN
- * Interface :- USB
- * External Interfaces: Miniature External Antenna Connection, two colour status LED
- * SIM card interface: Low profile, 6 contact connector on bottom side of card.
Compliant with 3GPP 31.101 and 31.102
- * Memory: Flash technology for easy upgrade
 - GSM/GPRS Air Interface (North America & EMEA)
 - 850/ 900/1800/1900 Mhz
 - Operating Systems: Windows 2000/XP
 - AT Interface 3GPP TS27.005, ATD*99# support, unimodem extensions
 - separate PCSC port for SIM access to enable EAP-SIM authentication in WLAN applications
 - separate diagnostics port

(C) **EDGE Router- 1 No.**

(D) SIM Cards with EDGE and data service - 2 Nos. - To be provided by you.

(E) EDGE Software to transfer data from on computer to other computer.

(F) All parts are soldered on single pin TAGS on single PCB of size 12" x9" with complete circuit diagram screen-printed in multi-colour

EXPERIMENTS

1. Internet connection using EDGE network.
2. SMS transfer using EDGE Network.
3. Data transfer between two computers using EDGE network.

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