



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 one 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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