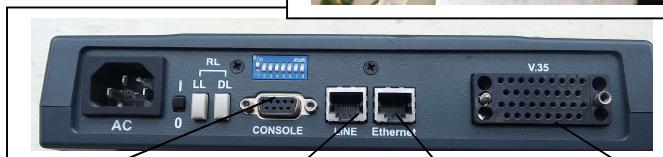


Data Equipment Ports

1) 2Mbps V.35 Modem (Atrie)



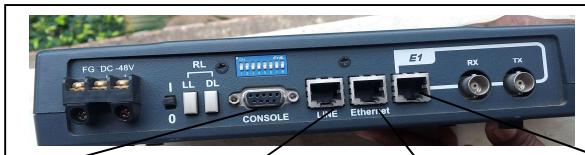
Console Port –
For configuring
modem

Line Port – DSL –
Connected to line
side (G.703
Modem side)

Ethernet
Port- For
configuratio

V.35 Port –
Connected to Serial
Port of Router

2.) 2Mbps G.703 Modem



Console Port –
For configuring
modem

Line Port – DSL –
Connected to line
side (V.35
Modem side)

Ethernet Port-
For
configuration

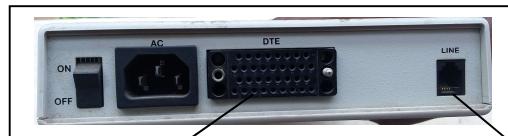
E1 Port – Connected
to STM – 2 Mbps
channel

ASMi-52 – RAD Make 2Mbps Modem



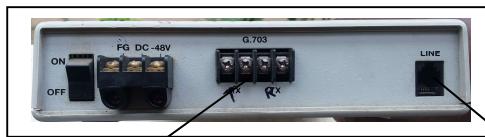
G.703 Modem

V.35 Modem

3) 64 KBPS V.35 Modem

V.35 Port – Connected to Serial Port of Router

Line Port – DSL – Connected to line side (G.703 Modem side)

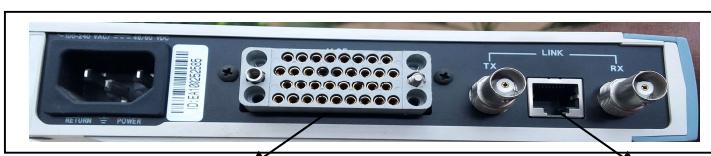
4..) 64 KBPS G.703 Modem

G.703 Port – Connected to BSNL Channel / PDMUX

Line Port – DSL – Connected to line side (V.35 Modem side)

In BSNL Channel – G.703 modem available at BSNL Office.

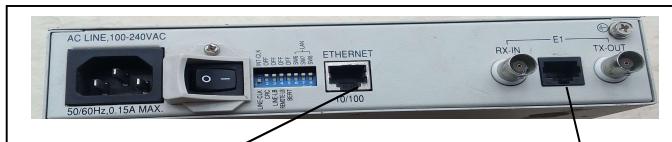
In Rly OFC Channel – G.703 modem available at OFC Room

1) E1/V.35 Convertor (for UTS connectivity at Way Stations)

V.35 Port – Connected to Serial Port of Router

E1 Port – Connected to STM – 2 Mbps channel

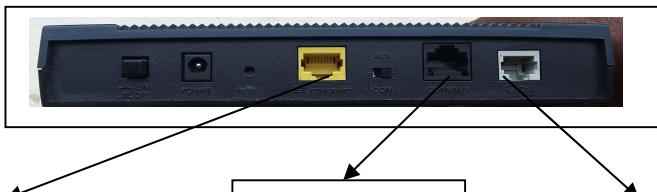
- 2) **Ethernet/E1 Convertor (For extending LAN through STM)** – Used for Touch Screen connectivity



Ethernet Port - Connected to Switch/PC

E1 Port – Connected to STM – 2 Mbps

- 3) **Lan Extender** – For extending LAN more than 100 Metre and upto 3 Km



Ethernet Port - Connected to Switch/PC

Console Port –
For configuring
modem

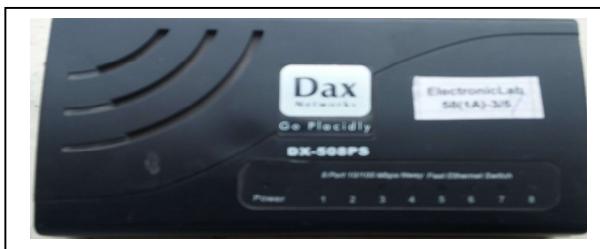
Line Port – DSL – Connected to
line side (G.703 Modem side)

Cable Line side OK :-DSL Indications of Both modem - ON

Lan Extenders to be configured before installation

4) Switch

a) Unmanageable Switch



b) Manageable Switch



Ethernet Port- Connected to Switch/PC

SFP Module for connecting OFC

Console Port – For configuring Switch

Port Speed of Switch
 1) Fast Ethernet Port – 10/100 Mbps
 2) Gigabit Ethernet Port – 10/100/1000 Mbps

Manageable Switch Types : L2 Switch (Layer 2) – Used for MAC Binding
 L3 Switch (Layer 3) – Used of VLAN (Switch with Routing)

Special Switch : POE Switch (Power Over Ethernet) –Ethernet port transmits Data & DC Power supply for Equipment. Used to connect IP Camera's

5) **Media Convertor** – For Extending LAN through OFC



Fibre Port - Connected to OFC Fibres (Tx & Rx)

Ethernet Port - Connected to Switch/PC

6) **Terminal Server** – Available in PRS



Terminal Port (Serial) : Connected to Dumb Terminals

Ethernet Port - Connected to Switch

Don't interchange Dumb Terminal Ports. Ports has to be configured for dumb terminal connections. IP address is assigned to Terminal Server for Remote Access.

S.No	Port Name	Available in
1.	Ethernet	Switch, PC-NIC Card, Ethernet/E1 Convertor, Router
2.	E1 Port (Tx-Rx)	2Mbps G.703 Modem, E1/Ethernet Convertor, E/V.35 Convertor.
3.	V.35 Port	V.35 Modem, Ei/V.35 Convertor
4.	Line Port	V.35 Modem and G.703 Modem
5.	DSL Port	Lan Extender
6.	G.703 Port	64 Kbps G.703 Modem
7.	Console Port	Router, V.35 & G.703 Modem, Lan Extender, L2 Switch
8.	Aux Port	Router