



YTSK LINKER



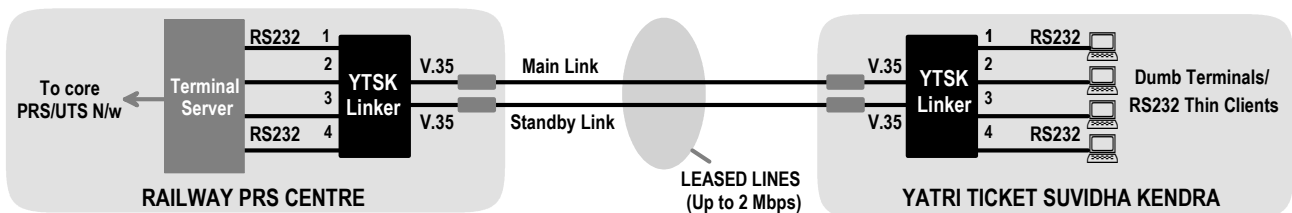
CYGNUS 711L

RS232C-to V.35 Error correcting Converter YTSK Linker

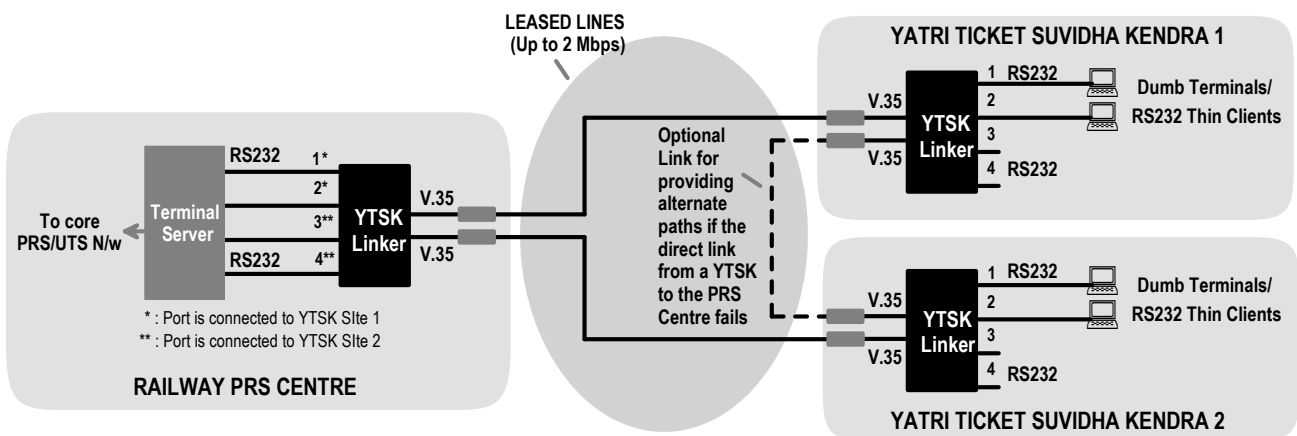


FEATURES

- Allows RS232 ports to be reliably extended from a Railway PRS Centre to a Yatri Ticket Suidha Kendra (YTSK).
- Automatically detects and corrects any errors in user port data caused during transmission on the leased line.
- Has 2 or 4 RS232 Terminal Ports for connecting to user terminals, and 1 or 2 V.35 Network Ports for connecting to leased lines
- Ensures high up time by automatically changing over to standby link if the main link fails.
- Supports a unique, cost-effective solution for connecting two YTSK Kendras to the same Railway site, with provision of alternate path in case of link failure.
- Leased line speed can be from 64 kbps to 2 Mbps. The lines can be traditional or MLLN leased lines.
- RS232 port speed from 1.2 kbps to 115.2 kbps. RS232 ports have built-in 1500 V AC isolation, reducing RS232 port failure even at sites with poor quality power supply, poor earthing, or high levels of electrical noise and surges.
- Easy set up and installation. Extensive set of status indicators, including Activity indicators for each Terminal Port and each Network Port.
- Supports the requirements of Railway's Commercial Circular 33/2014 regarding YTSK connectivity on 2 leased lines at up to 2 Mbps speed
- Part of the CYGNUS 711 Next Generation Multiplexer family. Can interwork with higher port capacity models from this family.



A pair of YTSK Linkers used to connect a YTSK booking office to a nearby Railway PRS Centre using main and standby leased lines



A single YTSK Linker at a Railway PRS Centre supports two YTSK booking offices, with provision for optional alternate paths

SPECIFICATIONS

Terminal Ports (TPs)

| | |
|--------------|---|
| No. of ports | 2 or 4 (ordering time option) |
| Compliance | Asynchronous RS232 with Tx, Rx, D, Ground; 1500 V AC isolation on each port; Speed 1.2 kbps to 115.2 kbps |
| Connector | RJ 45 socket |

Console Port

| | |
|------------------|---|
| Character format | 9600 bps, 8 bits, 1 stop bit, no parity |
| Compliance | Asynchronous RS232 |
| Connector | RJ 45 socket |

Network Ports (NPs)

| | |
|--------------|--|
| No. of ports | 1 or 2 (ordering time option) |
| Compliance | Synchronous V.35; Speed 64 kbps-2 Mbps |
| Connector | 25-pin D type Male; Modem cable supplied for each NP |

Indicators

| | |
|----------------|--|
| For each NP/TP | Transmit/Receive, Link (NPs only), CD (NPs only) |
| Others | Power, Default |

Management and Control of the Unit

| | |
|--------------------|--|
| Methods | By switches, and by supervisory commands |
| Supervisory access | Menu based function accessible locally or remotely |

General

| | |
|-------------------|---------------------------------------|
| Power | 230 VAC nominal |
| Oper. environment | 0-50 deg C, 5-95% RH (non condensing) |

Ordering Code: CYGNUS 711L/A/B

"A": Specify "2TP", "4TP" for 2/4 RS 232 Ports

"B": Specify "1NP" or "2NP" for 1/2 Network Ports

Specifications are subject to change without notice

Ref: 221122



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