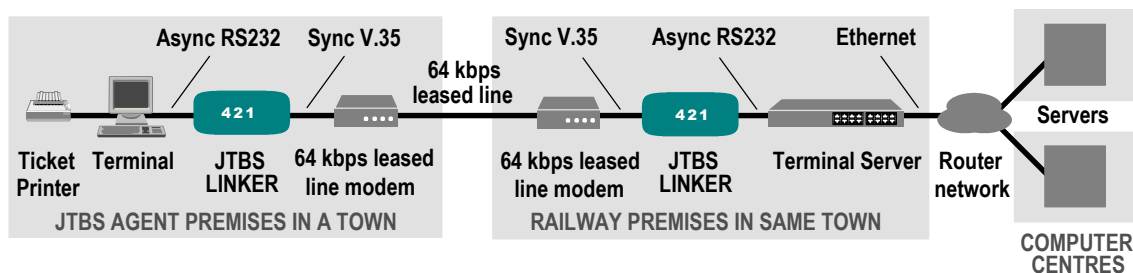


FEATURES

- ▶ Robust solution for connecting asynchronous RS 232 devices in an error free manner over synchronous 64 kbps leased lines
- ▶ Operates in pairs
- ▶ Converts between asynchronous RS232 and synchronous V.35 interfaces; provides automatic detection and correction of data transmission errors
- ▶ Console port for configuration and diagnostics
- ▶ Optional support for central Network Management System (NMS) using SNMP/Telnet
- ▶ Status display indicators
- ▶ 230 VAC operation

Use the CYGNUS 421 ECC to achieve error free communication between asynchronous RS232 devices over 64 kbps leased lines. The CYGNUS 421 operates in pairs across the leased line and connects to external 64 kbps modems through a synchronous V.35 interface. The standard model supports up to two asynchronous RS232 user devices. The unit operates from standard 230 VAC power supply and has a built-in SMPS to ensure reliability. Configuration and diagnostics can be carried out through a console port provided for the purpose



CYGNUS JTBS Linker - a typical application

SPECIFICATIONS

RS232 PORTS

No. of ports: 2 (ordering time option of 4)
 Communication protocol: Serial asynchronous start stop
 Interface: RS232-C (ITU-T V.24) compatible
 Speed: 50 - 19200 bps on each port
 Data format: Selectable: 5, 6, 7 or 8 bits; 1, 1.5 or 2 stop bits, odd, even or no parity

V.35 PORT

No. of ports: 1
 Communication protocol: Serial synchronous
 Interface: ITU-T V.35 compatible
 Speed: Up to 64 kbps as per selected link interface
 Error control: Using 16-bit CRC with ARQ

MANAGEMENT

Through Console Port, or via SNMP/TELNET, over a TCP/IP network

CONSOLE PORT

Communication protocol: Asynchronous RS 232
 Interface: RS232-C (ITU-T V.24) compatible
 Speed: 50 - 9600 bps

DIAGNOSTIC FACILITIES

Self test, port loopbacks, port test patterns

INDICATORS

Power, Link status, Link activity, Link error, Port activity

GENERAL

Power input: 170-260 VAC, 50 Hz, single phase
 Size: 222 mm (w) x 213 mm (d) x 45 mm (h)

ORDERING INFORMATION

Order code: CYGNUS 421/ X /Y
 X: Leave blank for standard model with 2 RS232 ports, specify "4" if 4 RS232 ports are required
 Y: Leave blank for standard model; specify "NM" if SNMP/Telnet based network management is required

*Note: Specifications are subject to change without notice
 Ref.: 100916*

The CYGNUS 421 comes to you from Cygnus, an ISO 9001 certified company whose R&D department is recognised by Department of Scientific and Industrial Research, Govt. of India. Cygnus has been offering reliable, cost-effective datacom and networking products for large, critical online networks since 1989. Cygnus designs and manufactures its products in-house, and its capability of offering superlative technical support and training for its products has been repeatedly demonstrated in its association with these networks.



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