



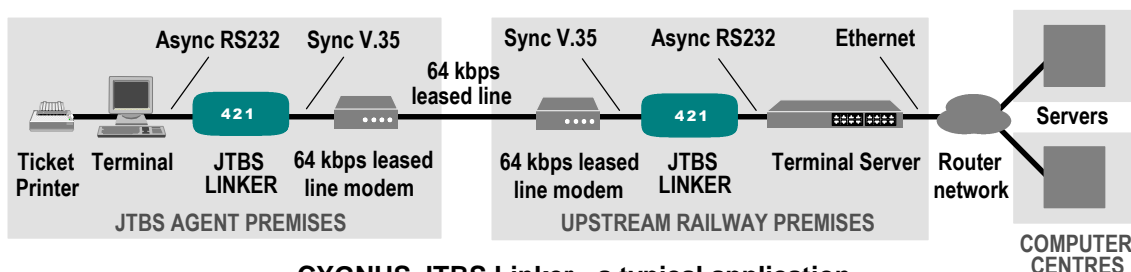
CYGNUS 421

RS232-to-V.35 Error Correcting Converter (ECC)

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
- ▶ 1500 VAC isolation protection on RS232 Ports
- ▶ Console port for configuration and diagnostics
- ▶ Status display indicators
- ▶ 230 VAC operation

Use the CYGNUS 421 ECC (JTBS Linker) to achieve error-free communication between asynchronous RS232 devices over a 64 kbps leased line. The CYGNUS 421 operates in pairs across the leased line and connects to external 64 kbps modems through a synchronous V.35 interface. It supports up to two asynchronous RS232 user devices. Isolation protection of 1500 VAC is standard for these two RS 232 ports (although the product is optionally also available without this isolation protection). 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 TERMINAL PORTS

No. of ports: 2
 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
 Isolation Protection: 1500 VAC (Optionally available without isolation protection also)
 Connector: RJ45 socket

V.35 PORT

No. of ports: 1
 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
 Connector: DB25 Male

CONSOLE PORT

Protocol: Asynchronous RS 232
 Interface: RS232-C (ITU-T V.24) compatible
 Speed: 50 - 9600 bps
 Connector: RJ45 socket

DIAGNOSTIC FACILITIES

Self test, port loopbacks, port test patterns

INDICATORS

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

GENERAL

Power input: 230 VAC, 50 Hz, single phase
 Size: 211 mm (w) x 195 mm (d) x 44 mm (h)

ORDERING INFORMATION

Order code: CYGNUS 421/ X
 X: Specify "NO-ISO" if 1500 VAC isolation protection is not required on RS 232 Terminal Ports; else leave blank.

*Note: Specifications are subject to change without notice
 Ref.: 121019*



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