

Miniature 56/64K CSU/DSU

Models: 2400AM 2400/CM/120

OVERVIEW

The Model 2400 DDS & Clear Channel CSU/DSU is a miniature CSU/DSU that is designed for 56 Kbps or 64 Kbps Clear Channel communications over a synchronous DDS circuit -- or over dedicated twisted pair. The Model 2400 also supports distances up to 3.4 miles (5.5 km) over a dedicated twisted pair circuit.

The Model 2400 provides switch selectable timing options of internal, external, and network receive-recovered clock. Connecting directly to the RS-232/V.24 (Model 2400/AM) or V.35 (Model 2400/CM) port, the ultra-compact Model 2400 attaches without using additional cables.

The Model 2400's built-in V.54 loopback test modes and V.52 BER test patterns are accessed using two front panel switches. Seven LEDs monitor power, test modes and communication status. Twisted-pair line connections are facilitated by a modular RJ-48S jack on the rear of the unit.

FEATURES

- Synchronous data rates of 56 or 64 Kbps
- Full-duplex communication over two dedicated twisted pairs
- Supports distances to 3.4 miles (5.5 km) over 26 AWG (.4 mm) wire
- Selectable internal, external, network receive recover, or campus clock options
- Built-in V.54 loopback tests and V.52 BER test patterns
- Works with 56 Kbps DDS, 64 Kbps Clear Channel, or private twisted pair circuits
- Switchable Circuit Assurance feature
- Seven front panel LEDs monitor power, communication and test status
- RJ-48S jack provided for line connection
- RS-232 version has a DB-25 connector
- V.35 version has an M/34 connector
- Ultra-compact enclosure fits in tight spaces

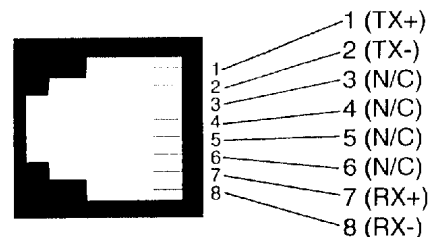


SPECIFICATIONS

DDS Type:	Dedicated
Transmission Format:	Synchronous, full-duplex
Max. Operating Distance:	3.4 miles (5.5 km) over 26 AWG (.4mm) twisted pair
DTE Interface:	RS-232 (DB-25 female or DB-25 male), or V.35 (M/34 male)
DDS Line Interface:	RJ-48S jack
Standards:	AT&T 62310 compliant
DTE Rates:	56 and 64 Kbps
Transmission Line:	4-wire
Applications:	DDS, point-to-point or multipoint; Clear channel, point-to-point; Campus-area, point-to-point
LED Indicators:	TD, RD, CD, No Signal, Error, Test Mode, and Power
Diagnostics:	V.54 compliant local and remote loopback tests; V.52 compliant 511/511E BER test
Power Supply:	120 VAC, 60 Hz to 5VDC 200 mA wall mount transformer or UI 100-240VAC, 50 Hz to 5 VDC, 2A wall mount transformer
Dimensions:	V.35 version - 4.9L X 2.0W X 0.9H in (12.4L x 5.1W x 2.3H cm) RS-232 version - 3.5L x 2.1W x 0.8H in (9.0L x 5.3W x 2.0H cm)



Pin Number	Signal Name	Symbol
1	Transmit +	TX +
2	Transmit -	TX -
3	No Connection	-
4	No Connection	-
5	No Connection	-
6	No Connection	-
7	Receive +	RX +
8	Receive -	RX -



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Phone: (815) 433-5100
Office Fax: (815) 433-5105
Tech Fax: (815) 433-5104
Sales Fax: (815) 433-5109

B & B electronics
MANUFACTURING COMPANY
707 Dayton Road -- P.O. Box 1040 -- Ottawa, IL 61350 USA

Home Page: www.bb-elec.com
E-mail: orders@bb-elec.com
support@bb-elec.com
catrqt@bb-elec.com