Model 9338

S.I.TECH

Asynchronous Metallic Bit - Driver ®

Model 9338 combines connector to connector compatibility with outstanding performance characteristics. It supports full duplex transmission between RS-232-C compatible EDP equipment at distances up to 15,000 feet. It operates at speeds from 110 bps to 56 Kbps.

An asynchronous, simplex or full duplex system for in house and other short-haul data transmission applications. A complete stand-alone component with RS-232 interface, 120 volt power cord, plus input and output transmission connections.

LEDs are used to indicate the presence of carrier and data signaling over the data path.

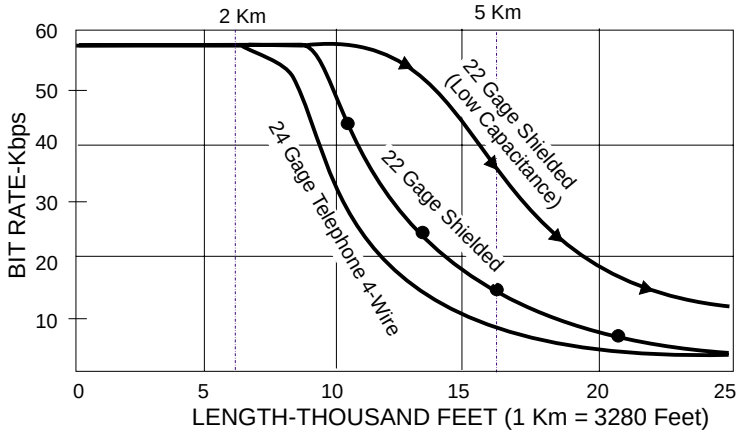
S.I.Tech will provide the best possible system solution for the operating environment of your data network. The Bit Rate/Distance chart shows typical cables and performance characteristics with S.I.Tech Bit-Drivers®.

S.I.Tech offers complete links including fiber optic cable, connectors, cable assemblies and Bit-Drivers®.

Operation Mode: Asynchronous, simplex or full duplex.
Input/Output Interface: RS-232-C, Type D Asynchronous at DC to 56 kbps.
Transmission Line Interface: Balanced two-pair metallic circuit
Transmission Line Resistance: 150 ohms (maximum) one way
Transmission Line Protection: Protected at 8 volts up to 50 Amp pulses
Operating Temperature: 0 ^{O}C to 50 ^{O}C
Input Power: 105 to 130 VAC, 50-500 Hz, 10 W
Power transformer secondary fused
Plastic Enclosure: 6.5" X 2.75" X 6.5"
(16.5 X 7 X 16.5 cm)
Weight: 2.2 lb.(1 kg)
230 Volt Version: Model 9338V

UL listed. Meets FCC requirements of Class A, Part 15 Computing Devices Standard.
Specifications subject to change without notice.

BIT RATE/DISTANCE



TYPICAL APPLICATION

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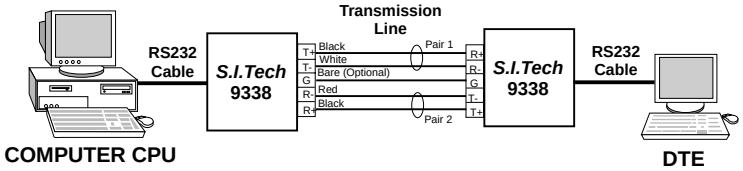
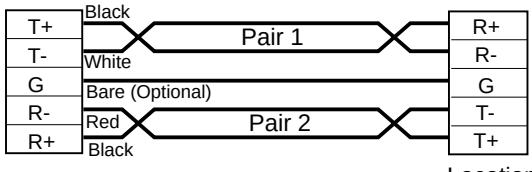


RS - 232 CONNECTOR PINS UTILIZED BY 9338 BIT DRIVER®

Pin No	EIA Designation	Description	Symbol	DTE DCE
1	AA	Protective Ground	Chassis Ground	◄►
2	BA	Transmitted Data	TXD	►
3	BB	Received Data	RXD	◄
4	CA	Request to Send	RTS	►
5	CB	Clear to Send	CTS	◄
6*	CC	Data Set Ready	DSR	◄
7	AB	Signal Ground	Sig. Gnd.	◄►
8	CF	Data Carrier Detect	DCD	◄

* DSR is true when power is on. Unlisted pins not utilized. RTS/CTS delay 10 ms. Constant or controlled carrier.

INTERCONNECTION OF DATA LINKS



Color codes are dependent on cable type.
If cable has two or more wires of same color, be certain to keep pairs together.

For application engineering assistance: 630-761-3640 FAX: 630-761-3644 S.I.Tech, P.O.Box 609, Geneva, Illinois 60134 U.S.A. Web site: http://www.sitech-bitdriver.com.