Optical Asynchronous Mini Bit-Driver® Point to Point

**Features:**
- 0 to 115.2 Kbps asynchronous, RS-485 half duplex operation
- 6600 ft. (2Km) distance capability
- -40 °C to +80 °C (-20 °C to +60 °C SM) operating range
- ST connector receptacle (SMA option)
- Designed to work with Siemens Systems or other PLC

**Operation Mode:** Asynchronous, bi-directional, half duplex

**Input/Output Interface:** RS-485, 9 pin type D, asynchronous at 0 to 115.2 Kbps*** connects directly to terminal (RS 485 cable not required)

**Transmission Line Interface:** ST connector is standard for interfacing with fiber optic cable (SMA option)

**Transmission Distance:** See distance chart

**Optical Power into a 50 Micron Core Optical Fiber:**
- 10 microwatts, 10 dB power budget* @ 850 nanometers (1300nm option)
- 1 microwatt at less than 10^-9 bit error rate

**Operating Temperature:**
- -40 °C to +80 °C (-20 °C to +60 °C SM)

**Metal Enclosure:** 1.75 x 3 x 0.625 in (4.5 x 7.5 x 1.6 cm) Panel or DIN rail mounting options

**Weight:** 0.25 lb (100 grams)

**Input Power:** External with power supply (S.I. Tech #2121 - 110VAC to 12 Volt DC)

**230V Version:** Use S.I.Tech 2122 power supply

*** Data rate must be set at factory

**Meets FCC requirements of Class A, Part 15 Computing Devices Standard.**

Specifications subject to change without notice.

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**ORDERING INFORMATION**

**Model Numbers**
- 2616 RS485 to Multimode Fiber, ST
- 2616-SM RS485 to Single Mode Fiber, ST
- 2616-DIN Multimode, ST, Dinrail Unit
- 2616-SM-DIN Single Mode, ST, Dinrail Unit

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**TYPICAL APPLICATION**