







FIBER OPTIC SOLUTIONS FROM S.I. TECH







CATALOG	<p>A completely new catalog is available from the S.I. Tech website located at http://www.sitech-bitdriver.com. Over 90 new products listed and it includes a Fiber Optic System Design Guide</p>	
LAN ETHERNET	<p style="text-align: center;">2150-10/100-A</p> 	<ul style="list-style-type: none"> • Ethernet over Fiber Bit-Driver® • Supports 10 Base-T/100 Base-TX and 10 Base-FL/100 Base-FX standards • Auto senses 10 or 100 Mbps speeds • Power, Link Status, Activity, and Collision LEDs • Multimode or Single mode • ST connectors (Options available) • POE option - 2150POE • Card version - 2350-10/100
	<p style="text-align: center;">2151</p> 	<ul style="list-style-type: none"> • Industrial Ethernet • Ruggedized for Industrial Applications • Redundant Power: 10 to 30 VDC • Multimode or Single mode • Status Indicators: Power, Link/Active for Fiber & Ethernet 10 or 100 Mbps, OSD • Switch for Autonegotiation, Speed, Duplex mode, Flow Control
	<p style="text-align: center;">2160</p> 	<ul style="list-style-type: none"> • Full Duplex Gigabit Ethernet over Fiber Bit-Driver® • Supports 10/100/1000 Mbps and POE • Auto Detection MDI/MDI-X • LED Status Indicators • Multimode or Single mode • SC connectors (Options available)
	<p style="text-align: center;">2703</p> 	<ul style="list-style-type: none"> • Unmanaged Layer 2 Ethernet Switch • Data Rate is 10/100 Mbps • Offers 3 ports (2 optical & 1 electrical) • Power, Link Status, and Data Speed LEDs • Din Rail Mounting Option • Fiber In / Fiber Out / Ethernet Drop
USB	<p style="text-align: center;">2183 / 2184</p> 	<ul style="list-style-type: none"> • USB 1.1 and 2.0 over Fiber Bit-Drivers® • Power, Link Status, and Host LED indicators • Connects to UHCI, OHCI and EHCI Host • Improved Operation for Vista Operating System • Supports USB 1.1 and 2.0 Host Controller • Works with National Instrument Controllers • LC optical connectors
	<p style="text-align: center;">2130 / 2131 / 2132</p> 	<ul style="list-style-type: none"> • USB to Fiber Serial Interface • Data rates 300bps to 3Mbps dependent on connecting product • Compatible with fiber interface found on many S.I.Tech serial data links • RS-232: 2005, 2505, 2507, 2617 • RS-422: 2106, 2116, 2140, 2866 • RS-485: 2110, 2128

UL/CE/FCC/ISO9001-2008/RoHS

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RUGGEDIZED RS232/422/485	2560 / 2561 / 2562 	<ul style="list-style-type: none"> • RS232/RS422/RS485 to Fiber Mini Bit-Driver® • RS232 data rate up to 115 kbps, max data rate for RS422 is 500 Kbps and max data rate for RS485 is 115Kbps asynchronous, simplex or full duplex operation • -40°C to +80°C operating range • Rugged Housing, Mounting Brackets • AC/DC or DC power option • 850, 1310 or 1550nm option • ST connectors (Options available) • Used in SCADA systems, Energy Management, Industrial Control, Process Control, and Security
	2617 	<ul style="list-style-type: none"> • RS232 to Fiber Mini Bit-Driver® • Asynchronous, Simplex or Full Duplex • Data Rate up to 56 Kbps • Temp Range: -40°C to +85°C • DTE or DCE switch selectable • Supports Ring Networks
INST/CONTROL	2145 	<ul style="list-style-type: none"> • Mini Optical Bit-Driver® for RS-485 applications • Meets PROFIBUS-DP & MODBUS specifications • Din Rail Mounting • Data rates from 9600 bps to 12 Mbps • Multimode or Single mode • Tested and approved by Profibus Lab
	2147 	<ul style="list-style-type: none"> • Meets PROFIBUS-DP specification • Redundant ring • Multimode and single mode, Plastic or glass fiber • 2 port optical repeater, optical T-connector, optical to electrical converter • 9600 bps to 12 Mbps - Auto Negotiation - visual indicators with Data speed display • Status indicators: Activity and Error Condition on each port
	2816 	<ul style="list-style-type: none"> • High Speed TTL • Max Data Rate is 40 Mbps • Din Rail Mounting • 75-Ohm BNC input jack • Multimode or Single mode • ST connectors (Options available)
	2817 	<ul style="list-style-type: none"> • TTL to Fiber Optic Transmitter/Receiver Pair • Max Data Rate is 20 Mbps • Din Rail Mounting • 75-Ohm BNC input jack • Multimode or Single mode • ST connectors (Options available)

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	<p style="text-align: center;">2866</p> 	<ul style="list-style-type: none"> • RS-422 (4 Wire) to Fiber Mini Modems • Transmitter/Receiver PCB • Multimode or Single Mode • 5 or 12 VDC Power • Data Rate up to 20 Mbps • ST Connectors
<p style="text-align: center;">INDUSTRIAL RS232/422/485</p>	<p style="text-align: center;">2563</p> 	<ul style="list-style-type: none"> • RS232/422/485 (Three in One) to Fiber Mini Bit-Driver® • Full duplex RS232 and RS422 • Half duplex RS485, rotary switch sets bit rate • Mounting Brackets • Data Rate up to 115 Kbps Async • Multimode or Single mode
<p style="text-align: center;">MULTIPLEXER RS232/422</p>	<p style="text-align: center;">1000 / 2006 / 2016</p> 	<ul style="list-style-type: none"> • RS232 to Fiber Multiplexer • 4 to 48 Ports Asynchronous/Synchronous • High speed fiber link • Multimode or Single mode • ST connectors (Options available) • TTL, RS422, and RS485 options
	<p style="text-align: center;">2564</p> 	<ul style="list-style-type: none"> • Full duplex 2 Channel RS422 Mini Multiplexer • Up to 180 Kbps asynchronous operation • LED indicators for power, optical link status, transmit and receive data
<p style="text-align: center;">MULTIDROP (SCADA) RS232/422/485</p>	<p style="text-align: center;">2109 / 2128 / 2140</p> 	<ul style="list-style-type: none"> • RS232/422/485 Multidrop Bit-Driver® • Multimode or Single mode • Plastic or glass fiber • ST connectors (Options available) • Mounting Flanges • Din Rail Mounting Option • Used in Windmills, Energy Management, Meter Reading, and Security System Applications
<p style="text-align: center;">MULTICHANNEL RS422/TTL</p>	<p style="text-align: center;">2856-4R / 2857-4R</p> 	<ul style="list-style-type: none"> • TTL or RS422 Asynchronous Simplex or Full Duplex Bit-Driver® • 50 or 75 Ohm Coax • Four-wire Terminal Block • Data Rate up to 20 Mbps • Multimode is standard, Single Mode optional
<p style="text-align: center;">OPTICAL REPEATERS</p>	<p style="text-align: center;">2062</p> 	<ul style="list-style-type: none"> • Fiber Optic Repeater or Converter • Max Data Rate is 20 Mbps • Multimode to Multimode, Multimode to Single mode, or Single mode to Single mode • Plastic or glass fiber • ST connector is standard • Works with Ethernet, Token Ring, T1, TTL, & other protocols

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<p style="text-align: center; color: blue; font-weight: bold;">OPTICAL REPEATERS</p>	<p style="text-align: center; color: red; font-weight: bold;">2082 / 2092</p> 	<ul style="list-style-type: none"> • Fiber Optic Repeater or Converter • 2082 - Max Data Rate is 1000 Mbps • 2092 - Max Data Rate is 10 Gbps • Multimode to Multimode, Multimode to Single mode ,or Single mode to Single mode • 2082 – SC connector is standard (Options available) • 2092 – LC connector is standard • Works with Ethernet, T3, & other protocols
<p style="text-align: center; color: blue; font-weight: bold;">VIDEO AUDIO</p>	<p style="text-align: center; color: red; font-weight: bold;">2509</p> 	<ul style="list-style-type: none"> • Video Transmitter • 75 Ohm BNC Female • Connects Directly to Camera • Multimode or Single mode • ST Connector
	<p style="text-align: center; color: red; font-weight: bold;">2829</p> 	<ul style="list-style-type: none"> • Digital Video over Fiber System • NTSC or PAL Video Standards • Composite (CVBS), S-Video, Component (YPrPb) Video Formats • Two way audio • Pan/Tilt/Zoom • Multimode or Single mode
	<p style="text-align: center; color: red; font-weight: bold;">2830</p> 	<ul style="list-style-type: none"> • HDMI to Fiber Transmitter & Receiver • Extend HDMI over Multimode Fiber • SC Connectors • Used with HD Camera, Blue Ray DVD, Games, & Computers
	<p style="text-align: center; color: red; font-weight: bold;">2237-T/R / 2239</p> 	<ul style="list-style-type: none"> • Digital Stereo Audio over Fiber System • 2239 – Bidirectional Audio TR/Rec • System Bandwidth is 10 Hz to 20 KHz • Will drive two 1-watt speakers • AC or DC power • Multimode or Single mode • ST connectors (Options available)
<p style="text-align: center; color: blue; font-weight: bold;">WAN T-1/E-1</p>	<p style="text-align: center; color: red; font-weight: bold;">2890 / 2891</p> 	<ul style="list-style-type: none"> • T1/E1 over Fiber Bit-Driver® • Tested and Approved by multiple Switch/PBX manufacturers • Stand Alone or Rack Mounted • Multimode or Single mode • ST connectors (Options available)
<p style="text-align: center; color: blue; font-weight: bold;">KITS</p>	<p>S.I. Tech offers over 30 pre-packaged solutions (Kits). Visit The Bit-Driver Store located at http://www.sitech-bitdriver.com to learn more.</p>	