Transceivers and Adapters Overview

SEL-2800/2815

Starting Price: **$110 USD**

selinc.com/products/2800 ⌨
selinc.com/products/2815 ⌨
Select models typically ship in 2 days 🚚

Improve safety, signal integrity, and reliability of EIA-232 communications by using multimode SEL-2800/2815 Fiber-Optic Transceivers instead of wire.

SEL-2810/2812/2814

Starting Price: **$140 USD**

selinc.com/products/2810 ⌨
selinc.com/products/2812 ⌨
selinc.com/products/2814 ⌨
Select models typically ship in 2 days 🚚

Use EIA-232 multimode fiber-optic transceivers instead of wire. The SEL-2810 and SEL-2812 support IRIG-B time signals, while the SEL-2814 works with hardware flow control signals.

SEL-2829/2830/2831

Starting Price: **$440 USD**

selinc.com/products/2829 ⌨
selinc.com/products/2830 ⌨
selinc.com/products/2831 ⌨
Select models typically ship in 2 days 🚚

Apply the SEL-2829/2830/2831 Single-Mode Fiber-Optic Transceiver/Modem to use two optical fibers instead of wire to transfer bidirectional serial data.

SEL-2820/2824

Starting Price: **$260 USD**

selinc.com/products/2820 ⌨
selinc.com/products/2824 ⌨
Select models typically ship in 2 days 🚚

Apply SEL-2820/2824 Multimode Fiber-Optic Transceivers to safely add isolated segments to multidrop and point-to-point EIA-485 networks.

SEL-2890

Starting Price: **$210 USD**

selinc.com/products/2890 ⌨
Select models typically ship in 2 days 🚚

Add Ethernet connectivity to an SEL device using its EIA-232 serial port with the SEL-2890 Ethernet Transceiver.

SEL-9192

Starting Price: **$260 USD**

selinc.com/products/9192 ⌨

Connect remote terminal units (RTUs), communications processors, and other equipment with the SEL-9192 Utility-Grade USB Modem for dial-up or dial-out engineering access.

SEL-9220

Starting Price: **$340 USD**

selinc.com/products/9220 🖥

Convert the EIA-485 port of an SEL-300 series relay to a point-to-point fiber-optic port with the SEL-9220 Fiber-Optic Adapter for SEL-300 Series Relays.

SEL-2894

Starting Price: **$370 USD**

selinc.com/products/2894 🖥
Select models typically ship in 2 days 🚚

Apply the SEL-2894 Interface Converter to transfer SEL MIRRORED BITS® communications via an IEEE C37.94 fiber-optic link through a communications multiplexer.

SEL-2886

Starting Price: **$140 USD**

selinc.com/products/2886 🖥
Select models typically ship in 2 days 🚚

Connect EIA-232 devices to an EIA-485 network with SEL-2886 EIA-232 to EIA-485 Interface Converters.

	SEL-2800	SEL-2810	SEL-2812	SEL-9220	SEL-2814	SEL-2815	SEL-2820	SEL-2824	SEL-2829	SEL-2830	SEL-2831	SEL-2894
Connector and Optics												
V-Pin, 650 nm Wavelength	■	■					■					
ST, 850 nm Wavelength			■	■	■	■		■				■
ST, 1,300 nm Wavelength									■	■		
ST, 1,550 nm Wavelength											■	
Fiber Compatibility												
200 µm Core Multimode Fiber (SEL-C805)	■	■	■	■	■	■	■	■				
50 or 62.5 µm Core Multimode Fiber (SEL-C807, SEL-C808)			■	■	■	■		■				■
9 µm Core Single-Mode Fiber (SEL-C809)									■	■	■	
Electrical Features												
EIA-232 Asynchronous Serial Data	■	■	■		■	■			■	■		■
EIA-485 Asynchronous Serial Data				■			■	■				
DTE/DCE Switch					■	■			■	■		
IRIG-B Transfer With Data		■	■	■								
Hardware Flow Control Lines With Data					■			■				
Power From Electrical Port Pins	■	■	■	■	■	■			■	■	■	■
External Power Jack or Terminals					■		■	■				
Distances												
Minimum (metric)	1 m	1 m	1 m	1 m	1 m	2 km	1 m	1 m	1 m	16 km	16 km	1 m
Minimum (U.S.)	3.28 ft	3.28 ft	3.28 ft	3.28 ft	3.28 ft	1.24 mi	3.28 ft	3.28 ft	3.28 ft	9.94 mi	9.94 mi	3.28 ft
Maximum (metric)	500 m	500 m	4 km	4 km	4 km	15 km	500 m	4 km	23 km	80 km	110 km	2 km
Maximum (U.S.)	0.3 mi	0.3 mi	2.48 mi	2.48 mi	2.48 mi	9.3 mi	0.3 mi	2.48 mi	14.3 mi	49.7 mi	68.3 mi	1.2 mi

■ Standard feature