

## SEL-2505

Remote I/O Module

Part Number:

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### Power Supply

12/24 Vdc <sup>(1)</sup>					1			
48/125 Vdc or 125 Vac					3			
125/250 Vdc or Vac					4			

### Communications Port

EIA-232, DB-9 Connector					0			
SEL-2800 Compatible (V-pin connector, multimode, 500m range)					1			
SEL-2815 Compatible (ST connector, multimode, 15km range) <sup>†*</sup>					2			
SEL-2830 Compatible (ST connector, single-mode, 80km range) <sup>†*</sup>					3			
SEL-2812 Compatible (ST connector, multimode, 4km range) <sup>*</sup>					6			

### Control Input Voltage

12 Vdc <sup>(2)</sup>					1	0		
24 Vdc						1		
48 Vdc						2		
110 Vdc						3		
125 Vdc						4		
220 Vdc						5		
250 Vdc						6		

\* Additional Cost

<sup>(1)</sup> The 12/24 Vdc power supply can only be ordered with 12 Vdc or 24 Vdc Control Input Voltage.

<sup>(2)</sup> The 12V control input is only available with the 12/24 Vdc power supply.

<sup>†</sup> Includes one 91560 attenuator for use on links less than 16 km (2830 compatible) or 2 km (2815 compatible).

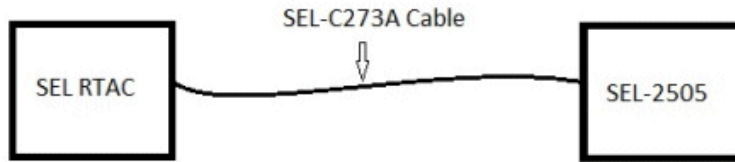
#### Complete Your Order

The SEL-2505 Remote I/O Module translates between device I/O and MIRRORRED BITS<sup>®</sup>. There are at least three methods for transferring MIRRORRED BITS between devices. Method 1. Connect two SEL-2505 Modules together using fiber-optic cable. Method 2. Connect one end of the fiber-optic cable to an SEL-2505 Module and the other end to a MIRRORRED BITS port on an SEL device. Method 3. Connect a copper cable between an SEL-2505 and another SEL device in the same cabinet. To complete your order, select the additional components outlined in the alternatives below.

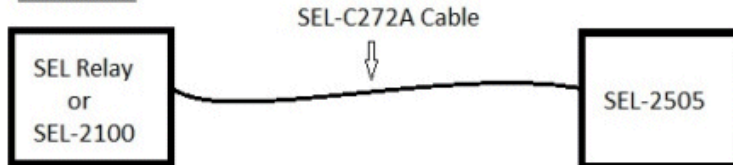
Max Distance	15 Meters	500 Meters	15 Kilometers / 4 Kilometers	80 Kilometers
Compatibility	EIA-232	SEL-2800MI	SEL-2815 / SEL-2812MR	SEL-2830M
Connector	9-Pin D	V-Pin	ST	ST
Cable	SEL-C272A Copper Data Cable	Use SEL-C805 Multimode Fiber-Optic Cable (WI-4092)	Use SEL-C807 Multimode Fiber-Optic Patchcord (WI-4132)	Use SEL-C809 Single-Mode Fiber-Optic Patchcord (WI-4133)

Methods of Connecting to the SEL-2505

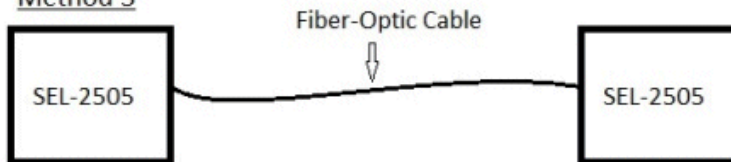
Method 1



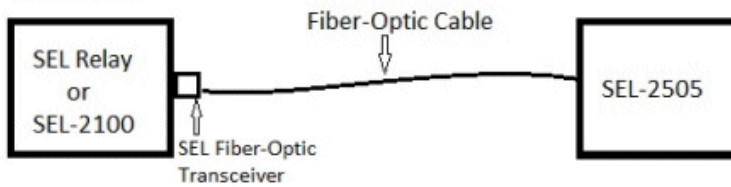
Method 2



Method 3



Method 4



*Making Electric Power Safer, More Reliable, and More Economical®*

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