Redundancy Module Cable

Catalog Numbers 1757-SRC1, -SRC3, -SRC10, -SRC50, -SRC100

Use this document to install these redundancy module cables for communication between 1757-SRM modules.

catalog number	length
1757-SRC1	1 meter
1757-SRC3	3 meters
1757-SRC10	10 meters
1757-SRC50	50 meters
1757-SRC100	100 meters

Important User Information

Because of the variety of uses for the products described in this publication, those responsible for the application and use of these products must satisfy themselves that all necessary steps have been taken to assure that each application and use meets all performance and safety requirements, including any applicable laws, regulations, codes and standards. In no event will Rockwell Automation be responsible or liable for indirect or consequential damage resulting from the use or application of these products.

Any illustrations, charts, sample programs, and layout examples shown in this publication are intended solely for purposes of example. Since there are many variables and requirements associated with any particular installation, Rockwell Automation does not assume responsibility or liability (to include intellectual property liability) for actual use based upon the examples shown in this publication.

Allen-Bradley publication SGI-1.1, *Safety Guidelines for the Application, Installation and Maintenance of Solid-State Control* (available from your local Rockwell Automation office), describes some important differences between solid-state equipment and electromechanical devices that should be taken into consideration when applying products such as those described in this publication.

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Allen-Bradley 1757-SRC1

Throughout this publication, notes may be used to make you aware of safety considerations. The following annotations and their accompanying statements help you to identify a potential hazard, avoid a potential hazard, and recognize the consequences of a potential hazard:

WARNING

Identifies information about practices or circumstances that can cause an explosion in a hazardous environment, which may lead to personal injury or death, property damage, or economic loss.

ATTENTION

Identifies information about practices or circumstances that can lead to personal injury or death, property damage, or economic loss.

IMPORTANT

Identifies information that is critical for successful application and understanding of the product.
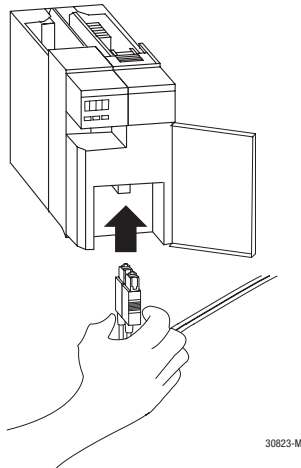
Installing the Cables

Follow this procedure to install the redundancy module cables:

ATTENTION

The redundancy module cable contains optical fibers. Avoid making sharp bends in the cable. Install the cable in a location where it will not be cut, run over, abraded or otherwise damaged.

1. Open the front door on the first redundancy module in your redundant chassis pair (RCP) and remove the black protective plug.

2. Remove both black protective caps from the connector at one end of the cable.

3. Remove both black protective caps from the connector at the other end of the cable.

4. Plug the cable connector into the redundancy module connector.

30823-M

| TIP ▶ | The connectors on the cable and the module are keyed for correct installation. |

5. Close the first redundancy module door.

6. Open the door on the second redundancy module.

7. Plug the remaining cable connector end to the second redundancy module.

Cable Specifications

Redundancy Cable Interfaces	connector	ST-type (fiber-optic)	
	cable type	62.5/125 micron multi-mode fiber-optic cable	
	channels	one (transmit and receive fiber)	
	ground isolation	N/A (fiber-optic interface)	

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