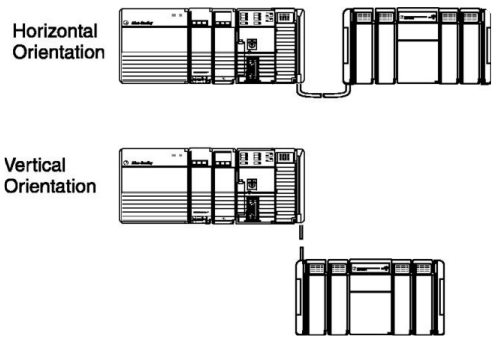
1769 Compact I/O

Accessories—I/O Modules

Expansion Cables

With 1769-L3x and 1768-L4x controllers, if you divide 1769 modules into multiple banks, make sure:

- each bank needs its own power supply.
- use expansion cables to connect the banks.
- the last I/O bank requires an end cap.



How you orient I/O banks determines which expansion cables you need to connect the I/O banks.

If you add a	And connect the chassis	Use this cable⋆
Second bank	Right to left	1769-CRLx
	Right to right	1769-CRRx
Third bank	Right to left	1769-CRLx
	Right to right	1769CRRx
	Left to left	1769-CLLx

⋆ Where x = 1 for 1 ft (305 mm) or 3 for 3.28 ft (1 m).

End Caps

The final I/O bank in 1769-L3x and 1768-L4x controller systems needs an end cap on the end without the expansion cable. The 1769-L23x controller comes with a right-end cap, so you do not need to order one separately.

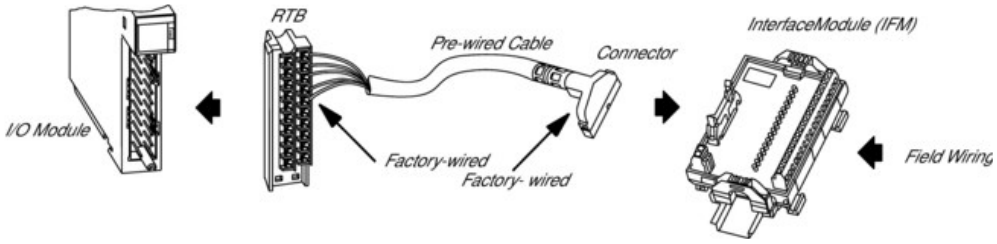
For a	Order
Right end cap	1769-ECR
Left end cap	1769-ECL

Wiring Systems

As an alternative to buying removable terminal blocks (RTBs) and connecting the wires yourself, you can buy a wiring system of:

- interface modules (IFMs) that provide the output terminal blocks for digital I/O modules. Use the pre-wired cables that match the I/O module to the IFM.
- analog interface modules (AIFMs) that provide the output terminal blocks for analog I/O modules. Use the pre-wired cables that match the I/O module to the AIFM.

- I/O module-ready cables. One end of the cable assembly is an RTB that plugs into the front of the I/O module. The other end has individually color-coded conductors that connect to a standard terminal block.



For more information, go to the Allen-Bradley Industrial Controls Catalog, Terminal Blocks and Wiring Systems..

Or go to our Product Configuration Assistant to Build/Validate a Catalog Number for your I/O module wiring system.