

# Programmable Controller Wiring Systems

## Catalog Number Explanation

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#### Digital Cables for Bulletin 1762, 1764, 1769 and 1794

**Important:** Use the following tables as a product configurator for pre-wired, and I/O module-ready cables for **Bulletins 1746, 1762, 1764, 1769, and 1794** - 40 I/O controller digital I/O cables. All combination of these fields make valid product catalog numbers. Refer to selection tables for IFM compatibility, additional cables, and ordering.

**1492 – CAB    010 – A62**  
*a*      *b*      *c*

*a*

Digital Interface Cable
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*b*

Standard or Build-to-Order Length Cables		
Code	Length	Description
005	0.5 m (1.64 ft)	Standard Length
010	1.0 m (3.28 ft)	
025	2.5 m (8.20 ft)	
050	5.0 m (16.40 ft)	
001-020	0.1...2.0 m (0.328...6.56 ft) 0.1 m (0.328 ft increments)	Build-to-Order Length
020-100	2.0...10.0 m (6.56...32.8 ft) 0.5 m (1.64 ft increments)	
100-300	10.0...30.0 m (32.8...98.42 ft) 1.0 m (3.28 ft increments)	

*c*

Code	Description
<b>For use with Bulletin 1762 MicroLogix 1200 Modules</b>	
A62, B62	Pre-wired cables for Bulletin 1762 I/O controllers
X62	I/O-ready cable for 1762-L40AWA, and -L40BWA
T62	I/O-ready cable for 1762-L40AWA, -L40BXB, and -L40BWA outputs
<b>For use with Bulletin 1764 MicroLogix 1500 Modules</b>	
A64, B64, C64, F64	Pre-wired cables for Bulletin 1764 I/O base units
W64	I/O-ready cable for 1762-24AWA, and -24BWA base unit inputs
T64	I/O-ready cable for 1762-24AWA, -24BWA base units outputs
U64	I/O-ready cable for 1764-28BXB base unit outputs
<b>For use with Bulletin 1746, and 1769 Digital Modules</b>	
A69, B69, C69, D69, E69, F69, G69, H69, J69, K69, L69, M69	Pre-wired cables for 8-, 16-, and 32-channel Bulletin 1769 digital I/O modules
RTN18	I/O-ready cable with Cat. No. 1746-RTBN18 terminal block
RTN10	I/O-ready cable with Cat. No. 1746-RTBN10 terminal block
RTN32I	I/O-ready for 32-channel 1769-IQ32
RTN32O	I/O-ready for 32-channel 1769-OB32
<b>For Use with Bulletin 1794 Flex I/O, Cat. Nos. 1794- TB37DS, and 1794-TB62DS base units</b>	
A94	Pre-wired cables for Bulletin 1794 Flex digital I/O using the Bulletin 1794-TB37DS base
B94	Pre-wired cables for Bulletin 1794 Flex digital I/O using the Bulletin 1794-TB62DS base
G94	Digital I/O-ready cable with Cat. No. 1746-RTBN10 terminal block
H94	Digital I/O ready cable for digital I/O using the Bulletin 1794 TB62DS base



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## Bulletin 1769 CompactLogix Modules

### Digital IFMs and Cables for Bulletin 1769 CompactLogix 8-Point and 16-Point I/O Modules

Voltage [V]	Term. per I/O	Description	Fixed Terminal Block Cat. No.	Removable Terminal Block Cat. No.	RTB Plugs Cat. No.	Bulletin 1769 CompactLogix I/O Module															
						1769-IA8I	1769-IA16	1769-IQ16	1769-IQ16F	1769-IM12	1769-OA8	1769-OA16	1769-OB8	1769-OB16	1769-OV16	1769-OW8	1769-OW8I	1769-OW16			
						Digital Cable Cat. No. Suffix +															
<b>Feed-Through</b>																					
120	1	Narrow	<b>1492-IFM20FN</b>	<b>1492-RIFM20FN</b>	1492-RTB10	F69	A69	B69	B69		C69	M69	L69	E69	E69	C69	M69				
120	3	Sensor	<b>1492-IFM20F-3</b>	—	—	—	A69	B69	B69												
240	1	Standard	<b>1492-IFM20F</b>	<b>1492-RIFM20F</b>	1492-RTB20	F69	A69	B69	B69	G69	C69	M69	L69	E69	E69	C69	D69				
240	2	Extr. Term.	<b>1492-IFM20F-2</b>	<b>1492-RIFM20F-2</b>	1492-RTB20	—	A69	B69	B69	G69	C69	M69	L69	E69	E69	C69	—				
<b>LED Indicating</b>																					
24	1	Standard	<b>1492-IFM20D24</b>	—	—			B69	B69					E69	E69		M69				
	1	Narrow	<b>1492-IFM20D24N</b>	—	—			B69	B69					E69			H69				
	2	Extr. Term. (output)	<b>1492-IFM20D24-2</b>	—	—									E69	E69		M69				
	2	Extr. Term. (input)	<b>1492-IFM20D24A-2</b>	—	—			B69	B69												
	4	Isolated	1492-IFM20DS24-4	—	—												C69	D69			
120	1	Standard	<b>1492-IFM20D120</b>	—	—		A69					M69					M69				
	1	Narrow	<b>1492-IFM20D120N</b>	—	—		A69					H69					H69				
	2	Extr. Term. (output)	<b>1492-IFM20D120-2</b>	—	—							M69					M69				
	2	Extr. Term. (input)	<b>1492-IFM20D120A-2</b>	—	—		A69														
	4	Isolated	1492-IFM20DS120-4	—	—						C69						C69	D69			
240	2	Extr. Term. (output)	1492-IFM20D240-2	—	—							M69					M69				
	2	Extr. Term. (input)	<b>1492-IFM20D240A-2</b>	—	—				G69												
<b>Fusible</b>																					
24	2	Extr. Term., blown fuse LED	<b>1492-IFM20F-F24-2</b>	<b>1492-RIFM20F-F24-2</b>	1492-RTB20									E69	E69		M69				
	2	Extr. Term. (input), blown fuse LED	<b>1492-IFM20F-F24A-2</b>	<b>1492-RIFM20F-F24A-2</b>	1492-RTB20			B69*	B69*						E69						
24...120	2	Extr. Term. (output)	<b>1492-IFM20F-F-2</b>	1492-RIFM20F-F-2	1492-RTB20							M69		E69	E69		M69				
120	2	Extr. Term., blown fuse LED	<b>1492-IFM20F-F120-2</b>	<b>1492-RIFM20F-F120-2</b>	1492-RTB20							M69					M69				
	2	Extr. Term. (input), blown fuse LED	<b>1492-IFM20F-F120A-2</b>	<b>1492-RIFM20F-F120A-2</b>	1492-RTB20		A69														
<b>Fusible, Isolated</b>																					
24	2	Extr. Term., blown fuse LED	<b>1492-IFM20F-FS24-2</b>	—	—											C69	D69				
24...120	2	Extr. Term. (output)	<b>1492-IFM20F-FS-2</b>	—	—						C69					C69	D69				
120	2	Extr. Term. (output), blown fuse LED	<b>1492-IFM20F-FS120-2</b>	—	—						C69					C69	D69				
	4	Extr. Term. (output), blown fuse LED	1492-IFM20F-FS120-4	—	—						C69					C69	D69				
240	4	Extr. Term. (output), blown fuse LED	1492-IFM20F-FS240-4	—	—												D69				

See footnotes on the following page.

