

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

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
For use with Bulletin 1762 MicroLogix 1200 Modules	
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
For use with Bulletin 1764 MicroLogix 1500 Modules	
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
For use with Bulletin 1746, and 1769 Digital Modules	
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
For Use with Bulletin 1794 Flex I/O, Cat. Nos. 1794- TB37DS, and 1794-TB62DS base units	
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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Digital Cables — I/O Ready

Digital Cables — I/O-Ready for Bulletin 1756 ControlLogix-⌘

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CABLE* TBNH	1.0, 2.5, 5.0 m	Yes	20	1756-IA8D, -IA16, -IB16, -IC16, -IN16, -IV16, -OA8, -OA8D, -OA8E, -OA16, -OB8, -OB16E, -OC8, -ON8, -OV16E
1492-CABLE* TBCH	1.0, 2.5, 5.0 m	Yes	40	1756-IA16I, -IA32, -IB16D, -IB16I, -IB32, -IV32, -IH16I, -IM16I, -OA16I, -OB8EI, -OB16D, -OB16IS, -OB16I, -OB32, -OV32E, -OH8I, -OW16I, -OX8I

* Cables are available in standard lengths of 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CABLE050TBNH** is for a 5.0 m cable with a pre-wired Cat. No. 1756-TBNH RTB on one end.

⌘ Discrete I/O read cables should not be used with PLC analog I/O modules as cable shield and drain wires are not provided.

Digital Cables - I/O-Ready for Bulletin 1769 CompactLogix-❖

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1769 I/O Module Cat. No.
1492-CAB* RTN10	1.0, 2.5, 5.0 m	Yes	12	1769-OA8, -OW8, -OB8
1492-CAB* RTN18	1.0, 2.5, 5.0 m	Yes	20	1769-IA8I, -IA16, -IQ16, IQ16F, -OA16, -OB16, -OV16, -OW16, -OW8I, -IM12, -OW16, -OB8
1492-CAB* RTN32I	1.0, 2.5, 5.0 m	Yes	40+	1769-IQ32
1492-CAB* RTN32O	1.0, 2.5, 5.0 m	Yes	40+	1769-OB32
1492-CABLE* N3	1.0, 2.5, 5.0 m	Yes	40+	1769-IQ32T, -OB32T, -OV32T

* Cables are available in standard lengths of 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB050RTN10** is for a 5.0 m cable with a wired Cat. No. 1769-RTBN10 on one end.

+ Use #22 AWG wire.

❖ Discrete I/O ready cables should not be used with PLC analog I/O modules as a cable shield and drain wire are not provided.

Digital Cables — I/O-Ready for Bulletin 1762 MicroLogix 1200->

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1762 Controller I/O Cable Cat. No.
1492-CAB* P62	1.0, 2.5, 5.0 m	No	40	1762-OB32T and 1762-OV32T Output Expansion I/O
1492-CAB* U62	1.0, 2.5, 5.0 m	No	40	1762-IQ32T Input Expansion I/O
1492-CAB* T62	1.0, 2.5, 5.0 m	Yes	25	1762 -L40AWA Outputs, -L40BWA Outputs, -L40BxB Outputs
1492-CAB* X62	1.0, 2.5, 5.0 m	Yes	40	1762-L40AWA Inputs, -L40BWA Inputs, -L40BxB Inputs

* I/O ready cables are available in standard lengths of 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB010T62** is for a 1.0 m cable that could be used to connect a catalog number 1492-IFM40F to a catalog number 1762-L40AWA Input.

Digital Cables — I/O-Ready for Bulletin 1764 MicroLogix 1500 ->

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1764 Base I/O Cat. No.
1492-CAB* T64	1.0, 2.5, 5.0 m	Yes	20‡	AWA Outputs, BWA Outputs
1492-CAB* U64	1.0, 2.5, 5.0 m	Yes	20‡	BXB Outputs
1492-CAB* W64	1.0, 2.5, 5.0 m	Yes	20§	AWA Inputs, BWA Inputs
1492-CAB* X64	1.0, 2.5, 5.0 m	Yes	20§	BXB Inputs

* I/O ready cables are available in standard lengths of 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB050T64** is for a 1.0 m cable that could be used to connect a catalog number 1492-IFM20F to a catalog number 1762-AWA Input.

‡ Uses #18 AWG wire.

§ Uses #22 AWG wire.

Digital Cables — I/O-Ready for Bulletin 1794 Flex I/O->

Description	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating I/O Module Cat. No.
1492-CAB* G94	1.0, 2.5, 5.0 m	Yes	20	1794-IB16, -IB8, -IV16, -OB16, -OB16P, -OB8EP, -OV16, OV16P, -OW8, -IB10XOB8
1492-CAB* H94	1.0, 2.5, 5.0 m	Yes	40	1794-IB16D, -IB32, OB32P, -IB16XOB16P

* Cables are available in standard lengths of 1.0, 2.5, and 5.0 m. To order, insert the code for the desired cable length into the cat. no. (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Cat. No. 1492-CAB050G94** is for a 5.0 m cable.

➤ Not available for Analog I/O Modules