

Selection Tables, Continued

Bulletin 1756 ControlLogix IFMs and Cables, Continued

These **pre-wired cables** have a pre-wired RTB on one end to connect to the front of a Bulletin 1756 digital I/O module and a connector on the other end to plug into a 20- or 40-terminal IFM/XIM. You must first select the IFM/XIM from one of the preceding selection tables.

Pre-Wired Cables for Bulletin 1756 Digital I/O Modules

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1756 I/O Module Catalog Number
1492-CABLE①U	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-IA8D, -OA8, -OA8D, -OA8E, -OB8, -OC8, -ON8
1492-CABLE①V	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-OA8D, -OA8E
1492-CABLE①W	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-OA8, -OB8, -OC8, -ON8
1492-CABLE①X	0.5, 1.0, 2.5, 5.0 m	Yes	20	1756-IA16, -IB16, -IC16, -IN16, -IV16, -OA16, -OB16E, -OV16E
1492-CABLE①Y	0.5, 1.0, 2.5, 5.0 m	Yes	40	1756-IA16I, -IB16D, -IB16I, -IH16, -IM16I, -OA16I, -OB8EI, -OB16D, -OB16I, -OB16IS, -OH8I, -OW16I, -OX8I
1492-CABLE①Z	0.5, 1.0, 2.5, 5.0 m	Yes	40	1756-IB32, -OB32, -IV32, -OV32E

- ① Cables are available in standard lengths of 0.5 m, 1.0 m, 2.5 m, and 5.0 m. To order, insert the code for the desired cable length into the catalog number (005 = 0.5 m, 010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Catalog Number 1492-CABLE005Y** is for a 0.5 m cable that could be used to connect a Catalog Number 1492-IFM40F IFM to a Catalog Number 1756-IA16I I/O module.

The **I/O module-ready cables** have a pre-wired RTB on one end to plug onto the front of a Bulletin 1756 I/O module and 20 or 40 individually colored #18 AWG conductors on the other end. These cables provide the convenience of pre-wired connections at the I/O module end, while still allowing the flexibility to field-wire to standard terminal blocks of your choice.

I/O Module-Ready Cables for Bulletin 1756 Digital I/O Modules ②

Cable Cat. No.	Standard Cable Lengths	Build-to-Order Available	No. of Conductors	Mating 1756 I/O Module Catalog Number
1492-CABLE②TBNH	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-CABLE②TBCH	1.0, 2.5, 5.0 m	Yes	40	1756-IA16I, -IA32, -IB16D, -IB16I, -IB32, -IV32, -IH16I, -IM16I, -OA16I, -OB8EI, -OB16D, -OB16I, -OB16IS, -OB32, -OV32E, -OH8I, -OW16I, -OX8I

- ② 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 catalog number (010 = 1.0 m, 025 = 2.5 m, and 050 = 5.0 m). Example: **Catalog Number 1492-CABLE050TBNH** is for a 5.0 m cable with a pre-wired Catalog Number 1756-TBNH RTB on one end.
- ③ Discrete I/O ready cables should not be used with PLC analog I/O modules as cable shield and drain wires are not provided.

Digital Cable Specifications, Continued

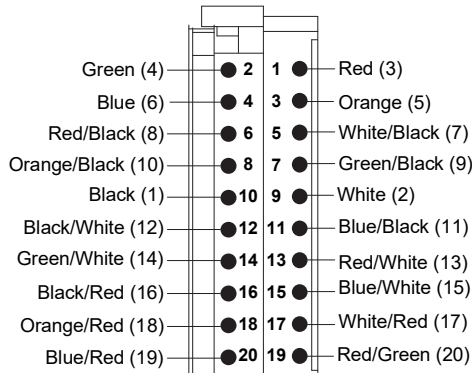
Pre-Wired Cables, Continued

Digital Pre-Wired Cable Specifications

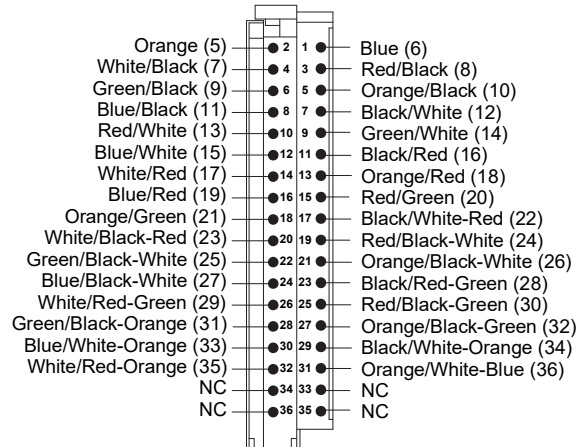
Catalog Number	Standard Cable Lengths	Insulation Rating	No. of Conductors	Conductor Size	Nominal Outer Diameter	I/O Module Connector
1492-CABLEA	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1746-RT25R Red Removable Terminal Block
1492-CABLEB	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1746-RT25B Blue Removable Terminal Block
1492-CABLEC	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1746-RT25R Red Removable Terminal Block
1492-CABLECR	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1746-RT25R Red Removable Terminal Block
1492-CABLED	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1746-RT25C Orange Removable Terminal Block
1492-CABLEE	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1746-RT25B Blue Removable Terminal Block
1492-CABLEF	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1771-WH (16-Point/21 Terminal) Wiring Arm
1492-CABLEFF	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1771-WHF (16-Point/21 Terminal) Fused Wiring Arm
1492-CABLEG	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1746-RT25R Red Removable Terminal Block
1492-CABLEH	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1746-N3 40-Pin Cable Connector
1492-CABLEJ	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1771-WN (32-Point/40 Terminal) Wiring Arm
1492-CABLEK	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1771-WN (32-Point/40 Terminal) Wiring Arm
1492-CABLEL	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1771-WN (32-Point/40 Terminal) Wiring Arm
1492-CABLEM	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1771-WN (32-Point/40 Terminal) Wiring Arm
1492-CABLEN	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1746-RT25C Orange Removable Terminal Block
1492-CABLER	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1771-WN (32-Point/40 Terminal) Wiring Arm
1492-CABOR71	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1771-WN (32-Point/40 Terminal) Wiring Arm
1492-CABLES	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1746-RT25C Orange Removable Terminal Block
1492-CABLET	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	11.7 mm (0.46 in.)	1771-WA (8-Point/10 Terminal) Wiring Arm
1492-CABLEU	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1756-TBNH Removable Terminal Block
1492-CABLEV	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1756-TBNH Removable Terminal Block
1492-CABLEW	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1756-TBNH Removable Terminal Block
1492-CABLEX	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1756-TBNH Removable Terminal Block
1492-CABLEY	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1756-TBCH Removable Terminal Block
1492-CABLEZ	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1756-TBCH Removable Terminal Block
1492-CABOA62	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1762-L40xxx Input Terminal
1492-CABOB62	0.5, 1.0, 2.5, 5.0 m	300V 80°C	40	#22 AWG	11.7 mm (0.46 in.)	1762-L40xxx Output Terminal
1492-CABOA64	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1764-24AWA, -24BWA Input Terminal
1492-CABOB64	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1764-28BxB Input Terminal
1492-CABOC64	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1764-24AWA, -24BWA Output Terminal
1492-CABOF64	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1764-28BxB Output Terminal
1492-CABOA69	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1769-RTBN18 Removable Terminal Block
1492-CABOB69	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1769-RTBN18 Removable Terminal Block
1492-CABOC69	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1769-RTBN10 Removable Terminal Block
1492-CABOD69	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1769-RTBN18 Removable Terminal Block
1492-CABOE69	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1769-RTBN18 Removable Terminal Block
1492-CABOF69	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1769-RTBN18 Removable Terminal Block
1492-CABOG69	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1769-RTBN18 Removable Terminal Block
1492-CABOH69	0.5, 1.0, 2.5, 5.0 m	300V 80°C	20	#22 AWG	9.0 mm (0.36 in.)	1769-RTBN18 Removable Terminal Block

Digital Cable Specifications, Continued

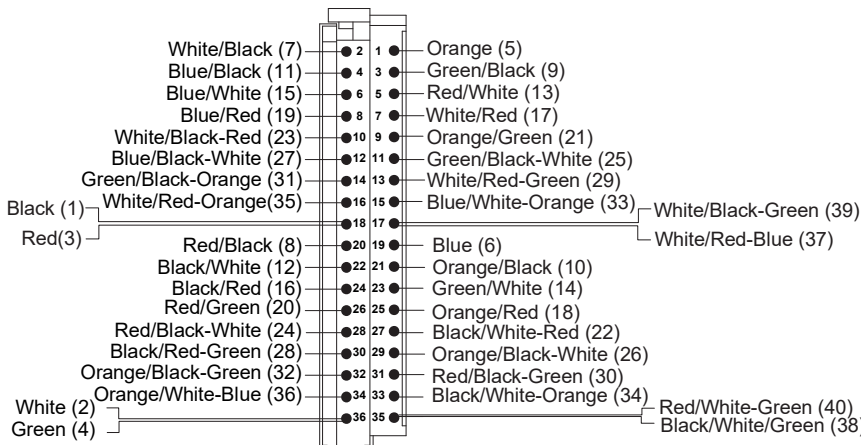
Pinouts, Continued



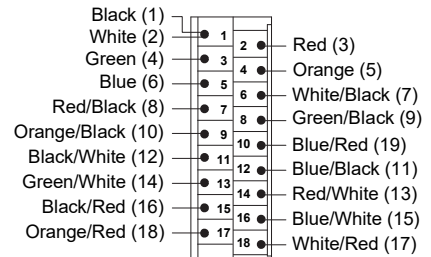
1492-CABLE 1X



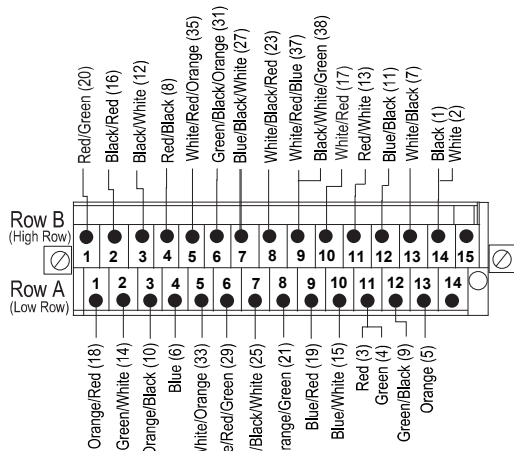
1492-CABLE 1Y



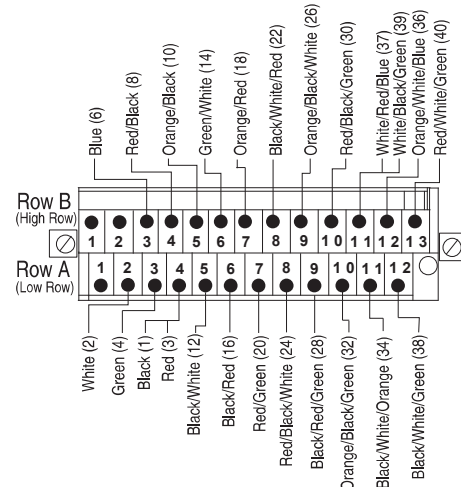
1492-CABLE 1Z



1492-CABLE 1CR (Red RTB)



1492-CABLE 1A62



1492-CABLE 1B62

1 Refer to footnote on page 149.