

Pre-Wired cables for PowerFlex 700H and 700S Drive Digital I/O

Cable Catalog Number	Standard Cable Length	Build-to-Order Available	Number of Conductors	Mating PowerFlex Control Board Cat. No or Terminal
1492-CAB●A7H	0.5, 1.0, 2.5, 5.0 m	Yes	20	20C-DA1-A and 20C-DO1
1492-CAB●B7H	0.5, 1.0, 2.5, 5.0 m	Yes	20	20C-DA1-B and 20C-DO1
1492-CAB●A7S	0.5, 1.0, 2.5, 5.0 m	Yes	20	Terminal TB2

- ❶ 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-CAB005A7H** is for a 0.5 m cable that could be used to connect a Catalog Number 1492-IFM20F IFM to a PowerFlex 700H drive 20C-DO1 and 20C-DA1-A module.

PowerFlex 700H and 700S Drive Analog Control I/O

Description of Analog IFM	Catalog Number for Wiring System Module with Fixed Terminal Block	Catalog Number for Wiring System Module with Removable Terminal Block Socket Assembly (order plugs separately)	700H Drive I/O Module	700S Drive I/O Module	
			20C-DA1-A or 20C-DA1-B	TB1 (Pins 1...12)	TB1 (Pins 13...24)
Feed-through					
6-channel isolated with 3...4 terminals/channel	1492-AIFM6S-3	1492-RIFM6S-3❶	Z7H	Z7S	
2-channel counter inputs with 4 output points	1492-AIFMCE4	—	—	—	X7S
2-channel fused counter inputs with 4 fused output points	1492-AIFMCE4-F	—	—	—	X7S

- ❶ Compatible Removable Terminal Block (RTB) plug; 1492-RTB12N (screw style terminals) or 1492-RTB12P (push-in style terminals, available August 2007). ORDER PLUGS SEPARATELY. These pre-wired cables have a pre-wired removable terminal block (RTB) on one end to connect to the PowerFlex 700H or PowerFlex 700S drive analog control I/O board terminal. There is a 25-pin D-shell connector on the other end to plug into the mating AIFM module terminal. You must first select the AIFM from the table below.

Pre-Wired Cables for PowerFlex 700H and 700S Drive Analog I/O

Cable Catalog Number	Standard Cable Length	Build-to-Order Available	Number of Conductors	Mating PowerFlex Control Board Cat. No or Terminal
1492-ACAB●Z7H	0.5, 1.0, 2.5, 5.0 m	Yes	25-Pin D-Shell	20C-DA1-A or 20C-DA1-B I/O board
1492-ACAB●Z7S	0.5, 1.0, 2.5, 5.0 m	Yes	25-Pin D-Shell	Terminal TB1 (DINS 1...12)
1492ACAB●Z7S	0.5, 1.0, 2.5, 5.0 m	Yes	25-Pin D-Shell	Terminal TB2 (DINS 13...24)

- ❶ 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-ACAB005Z7S** is for a 0.5 m cable that could be used to connect a Catalog Number 1492-AIFM6S-3 analog IFM to a PowerFlex 700S drive analog terminal I/O.