

PLC/DCS Cable Cross Reference Guide

PLC/DCS Manufacturer	System Name	Belden Part Number	
ABB/Bailey Controls	FOUNDATION Fieldbus	See Protocol listings on page 12	
	Industrial IT 800 X A	9880	Network Trunk Cable
	Infinet	9880	Network Trunk Cable
		9463	Blue Hose® (Standard)
	Masterpiece 200	9880	Network Trunk Cable
		9907	Thin Network Trunk Cable
	MICRO-DCI	3105A	1-Pair, RS-485
	MICROLINK	9860	Twinax, 16 AWG, 124 Ohm
	Modcell	3105A	1-Pair, RS-485
	PROFIBUS DP & PA	See Protocol listings on page 12	
Allen-Bradley/ Rockwell Automation	ControlNet™	See Protocol listings on page 12	
	DeviceNet™	See Protocol listings on page 12	
	DH, DH+, Remote I/O	9463	Blue Hose (Standard)
		9463F	Flexible Version (9463)
		129463	Aluminum Armor (9463)
		139463	Steel Armor (9463)
		189463	Continuous Armor (9463)
		9463DB	Direct Burial (9463)
		3072F	600V TC Rated (9463)
		89463	FEP 200°C, Plenum
	DH-485	3074F	600V Tray Cable
		3106A	1.5-Pair, RS-485 (PLTC)
		9842	2-Pair, RS-485
	Industrial Ethernet	See Protocol listings on page 12	
	Longline Communications	8723	Interface Cable
		88723	Plenum Version
Cutler-Hammer/ Westinghouse	I/Q System	9463	Blue Hose (Standard)
Emerson Process Management (Fisher/ Rosemont Systems) — Delta V	DeviceNet	See Protocol listings on page 12	
	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 12	
	HART	See Protocol listings on page 12	
	Industrial Ethernet	See Protocol listings on page 12	
	Modbus	See Protocol listings on page 12	
	PROFIBUS DP	See Protocol listings on page 12	
	Provox Plus	3091A	RG-11 Quad Shield PVC
		3131A	RG-6 Quad Shield PVC
GE Fanuc — I/O Bus	RS-485	See Protocol listings on page 12	
	DeviceNet	See Protocol listings on page 12	
	9030, 9070	9182	Communications Bus
	PAC System	89182	Plenum Version
	INTERBUS®-S	See Protocol listings on page 12	
	Modbus®	See Protocol listings on page 12	
	PROFIBUS	See Protocol listings on page 12	

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GE Fanuc — Sensor Device Networks	DeviceNet	See Protocol listings on page 12	
	SDS	See Protocol listings on page 12	
Honeywell	Access 4000 System	9248	RG-6 PVC
	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 12	
	IPC 620 System I/O	9271	Twinax, 25 AWG, 124 Ohm
	IPC 620 System	9729	Up to 4,000 ft.
	Serial Interface	9182	Up to 10,000 ft.
		89182	Plenum
	Series C	RS-485	FOUNDATION Fieldbus Industrial Ethernet
	3000 UCN & LCN	3131A	RG-6 Quad Shield PVC
		3094A	RG-11 Quad Shield PVC
Honeywell Microswitch Division	Smart Distributed System	3086A	Mini
		3087A	Micro
		1346F	1 Pair 22 AWG, 1 Pair 24 AWG
		1348F	3 20 AWG
		1349F	3 20 AWG, 2 18 AWG
Invensys/ Foxboro	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 12	
	I/A Series Carrier Band	8233	Small Trunk
		3095A	Plenum
		9290	Drop Cable
	I/A Series Fieldbus	9207	Twinax
		89207	200°C, Plenum
		3073F	600V Tray Cable
	I/A Series Node Bus	9880	Trunk Cable
		89880	Plenum Version
	Industrial Ethernet	See Protocol listings on page 12	
Limitorque	DCC100	3105A	Actuator Bus Cable, 1-Pair, RS-485
Matsushita	FP Series C-NET	9207	Twinax, 20 AWG, Stranded, 100 Ohm
		9860	Twinax, 16 AWG, Solid, 124 Ohm
	FP Series MEWNET-F	9207	Twinax, 20 AWG, Stranded, 100 Ohm
		9860	Twinax, 16 AWG, Solid, 124 Ohm
	FP Series MEWNET-H	9248	RG-6, 75 Ohm, 18 AWG
	FP Series MEWNET-TR	9207	Twinax, 20 AWG, Stranded, 100 Ohm
		9860	Twinax, 16 AWG, Solid, 124 Ohm
	FP Series MEWNET-W	9207	Twinax, 20 AWG, Stranded, 100 Ohm
		9806	4-Pair, RS-232, RS-422
	FP Series MEWNET-W2	9207	Twinax, 20 AWG, Stranded, 100 Ohm
		9860	Twinax, 16 AWG, Solid, 124 Ohm
	FP Series TRNET	9207	Twinax, 20 AWG, Stranded, 100 Ohm
		9860	Twinax, 16 AWG, Solid, 124 Ohm

FEP = Fluorinated Ethylene-propylene

PLC/DCS Cable Cross Reference Guide *(continued)*

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Smar	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 12	
	Industrial Ethernet	See Protocol listings on page 12	
	PROFIBUS DP FMS & PA	See Protocol listings on page 12	
	RS-485	See Protocol listings on page 12	
Square D/ Schneider AEG	FIP/Fieldbus	3079A	22 AWG, 1-Pair, Shielded
		123079A	Aluminum Armor (3079A)
	Industrial Ethernet	See Protocol listings on page 12	
		8760	18 AWG, 1-Pair, Shielded
		128760	Aluminum Armor (8760)
		See Protocol listings on page 12	
	Passport I/O – I/O Net	3105A	22 AWG, 1-Pair, RS-485
		123105A	Aluminum Armor (3105A)
		3106A	22 AWG, 1.5-Pair, RS-485
		123106A	Aluminum Armor (3106A)
	Power Logic	9841	24 AWG, 1-Pair, RS-485
		9842	24 AWG, 2-Pair, RS-485
Square D/ Schneider AEG	Seriplex®	3124A	CBL-1822-P20
		3125A	CBL-1622-P16
		3126A	CBL-162212-P16
		123124A	Aluminum Armor (3124A)
		123125A	Aluminum Armor (3125A)
		123126A	Aluminum Armor (3126A)
		9463	Blue Hose® (Standard)
		9463F	Flexible Version (9463)
		129463	Aluminum Armor (9463)
		139463	Steel Armor (9463)
		189463	Continuous Armor (9463)
		YR28826	Dual Version (9463)
		9463DB	Direct Burial (9463)
		YR29565	Various Color Jackets 9463)
	SY/Net Network Trunk Cable	3072F	600V TC Rated (9463)
		89463	FEP 200°C, Plenum
	SY/Net TNIM Cable	9272	20 AWG, 1-Pair, Shielded
		89272	FEP 200°C, Plenum

PLC/DCS Manufacturer	System Name	Belden Part Number	
Yokogawa — CENTUM	DeviceNet™	See Protocol listings on page 12	
	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 12	
	HART	See Protocol listings on page 12	
	Industrial Ethernet	See Protocol listings on page 12	
	PROFIBUS	See Protocol listings on page 12	
	RS-485	See Protocol listings on page 12	
Yokogawa — FA-M3	DeviceNet	See Protocol listings on page 12	
	Industrial Ethernet	See Protocol listings on page 12	
	Modbus	See Protocol listings on page 12	
	PROFIBUS	See Protocol listings on page 12	
	RS-485	See Protocol listings on page 12	
Yokogawa — STARDOM	DeviceNet	See Protocol listings on page 12	
	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 12	
	HART	See Protocol listings on page 12	
	Industrial Ethernet	See Protocol listings on page 12	
	PROFIBUS	See Protocol listings on page 12	
	RS-485	See Protocol listings on page 12	
Westinghouse	WDPF	9292	RG-11 PVC

FEP = Fluorinated Ethylene-Propylene.

ControlNet is a ControlNet International, Ltd. trademark.

DeviceNet is an Open DeviceNet Vendor Association, Inc. trademark.

EtherNet/IP is a ControlNet International, Ltd. trademark, under license by Open DeviceNet Vendor Association, Inc.

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INTERBUS is a Phoenix Contact trademark.

Modbus is a Schneider Electric trademark.

PROFIBUS is a PROFIBUS International trademark.

PROFINET is a PROFIBUS International trademark.

SDS is a Honeywell International, Inc. trademark.

Seriplex is a Square D/Schneider AEG trademark.

Protocol Cable Cross Reference Guide

System Name	Belden Part Number
ControlNet™	3092A RG-6 PVC Quad Shield
	3092F RG-6 PVC Quad Shield, Flex Version, Aluminum Braid
	YR28890 RG-6 PVC Quad Shield, Flex Version, Copper Braid
	3093A RG-6 FEP Quad Shield, Plenum
	123092A Aluminum Armor (3092A)
	133092A Steel Armor (3092A)
	183092A Continuous Armor (3092A)
DataHighway (DH) & DataHighway Plus (DH+) Remote I/O	9463 20 AWG Twinax, Blue Hose
	3072F 600V, TC Blue Hose
	9463DB Direct Burial Blue Hose
	9463F High-Flex, Blue Hose
	89463 High-Temp, Plenum Blue Hose
	129463 Aluminum Armor (9463)
	139463 Steel Armor (9463)
DeviceNet™	189463 Continuous Armor (9463)
	3082A PVC (Thick)
	3082F High-Flex (Thick)
	3082K CL2 (Flat)
	3082KP Auxiliary Power (Flat)
	3083A CPE (Thick)
	3084A PVC (Thin)
	3084F High-Flex (Thin)
	3085A CPE (Thin)
	7895A CL2 PVC (Cable III Mid)
	7896A CL1 PVC (Type V Trunk Cable)
FOUNDATION Fieldbus (Type SP50 ISA/IEC)	7897A CL1 PVC (Thick)
	7900A CL1 Unshielded (Drop Cable IV)
	3076F Type A, H1 1900m (31.25K)
	3077F Type B, H1 1200m (31.25K)
	1335A Type A Compliant (16 AWG)
	1336A Type A Compliant (14 AWG)
Industrial Ethernet	HSE Copper & Fiber See Industrial Ethernet
	7958A Cat 5e, 4-Pair, Bonded, Shielded, AWM
	7957A Cat 5e, 4 Pair, Bonded, Shielded (Foil + Braid), AWM
	7953A Cat 6, 4-Pair, Shielded, FRPO Inner Jacket
	7936A Cat 5e, 4-Pair, Bonded, Shielded, LSZH
	7937A Cat 5e, 4-Pair, Bonded, Shielded, Halogen Free, Direct Burial
	7939A Cat 5e, 4-Pair, Bonded, Shielded, Stranded
	7938A Cat 5e, 4-pair, Bonded, Shielded, High Flex
	7940A Cat 6, 4-Pair, Bonded
	7953A Cat 6, 4-Pair, Shielded, FRPO Inner Jacket

System Name	Belden Part Number
Industrial Ethernet (continued)	11700A Cat 5e, 4-Pair, Bonded, Upjacketed
	11700A2 Cat 5e, 4-Pair, Bonded, Upjacketed, Oil Res II
	121700A Cat 5e, 4-Pair, Bonded, Armored
	7919A Cat 5e, 4-Pair, Shielded
	7921A Cat 5e, 4-Pair, Bonded, Shielded (Foil + Braid)
	7927A Cat 6, 4-Pair, Bonded
	7931A Cat 6, 4-Pair, Bonded, Gas Res, High + Low Temperature
	11872A Cat 6, 4-Pair, Bonded, Upjacketed
	121872A Cat 6, 4-Pair, Bonded, Armored
	INTERBUS®-S 3119A 18 AWG/3c, 24 AWG/3-Pair, Composite
IronWorks®	3120A 24 AWG/3-Pair
	8471 16 AWG, 1-Pair, UL AWM 2598
	8917 16 AWG, 1-Cond, UL AWM 1015
Modbus	85102 16 AWG, 2-Cond, VW1, Plenum
	8777 22 AWG, 3-Pair, Modem Drop Cable
	128777 Aluminum Armor (8777)
	138777 Steel Armor (8777)
PROFIBUS DP & FMS (Purple)	88777 FEP 200°C, Plenum (8777)
	3079A 22 AWG 300V Twinax
	3079E 22 AWG 300V Twinax, Flex Version
	183079A 22 AWG, 30V, Twinax, Armored
PROFIBUS PA (Blue)	3076F 18 AWG, 2-Conductors, Type A
	183076F 18 AWG, 2-Conductors, Type A, Armored
RS-485/HART/CANopen	9841 1-Pair
	82841 1-Pair, Plenum
	89841 1-Pair, Plenum, High-Temperature
	9842 2-Pair
	82842 2-Pair, Plenum
	9843 3-Pair
	9844 4-Pair
	7200A 1-Pair, RS-485, Hi-Flex
	7201A 2-Pair, RS-485, Hi-Flex
	7202A 3-Pair, RS-485, Hi-Flex
	7203A 4-Pair, RS-485, Hi-Flex
	7206A 1-Pair, RS-485, Hi-Flex
	3105A 1-Pair, RS-485 (PLTC)
	3106A 1.5-Pair, RS-485 (PLTC)
	3107A 2-Pair, RS-485 (PLTC)
	3108A 3 Pair, RS-485 (PLTC)
	3109A 4 Pair, RS-485 (PLTC)
Seriplex®	3124A 1-Pair 18 AWG, 1-Pair 22 AWG
	3125A 1-Pair 16 AWG, 1-Pair 22 AWG
	3126A 1-Pair 16 AWG, 1-Pair 22 AWG, 1-Pair 12 AWG
	123124A Aluminum Armor (3124A)
	123125A Aluminum Armor (3125A)
	123126A Aluminum Armor (3126A)
	3086A 1-Pair 16 AWG, 1-Pair 20 AWG
Smart Distributed System (SDS)	3087A 2-Pair 22 AWG
	1346F 1-Pair 22 AWG, 1 Pair 24 AWG
	1348F 3 20 AWG
	1349F 3 20 AWG, 2 18 AWG

FEP = Fluorinated Ethylene-propylene • FRPO = Flame Retardant Polyolefin

Industrial Data Solutions® — Industrial Twinax

DataTray® 600V Twinaxial Cables

DataTray® 600V Twinax



Part No.	Core Dia.		OD (Nom)		Operating Temperature (°C)	Additional Features/Ratings
	Inch	mm	Inch	mm		
18 AWG Stranded (7 x 26) TC Conductors • Flame-retardant Polyolefin Insulation (Natural, Blue) • Overall Beldfoil® + 55%TC Braid Shield • Blue Sunlight-resistant PVC Jacket • TC Drain Wire						
3072F	.192	4.88	.324	8.23	-40 to +75	Impedance: 78 Ω NEC: CMG, ITC, TC, PLTC • CEC: CMG FT4 UL TC MSHA Approved*
3073F	.246	6.25	.388	9.86	-40 to +75	Impedance: 100 Ω NEC: CMG, ITC, TC, PLTC • CEC: CMG FT4 UL TC
3074F	.328	8.33	.460	11.86	-40 to +75	Impedance: 124 Ω NEC: CMG, ITC, TC, PLTC • CEC: CMG FT4 UL TC

*Pennsylvania Department of Environmental Resources and United States Mine Safety and Health Administration Certification

TC = Tinned Copper • PVC = Polyvinyl Chloride