

Introduction



NP159: DeviceBus® cables for DeviceNet™ applications
 NP164: Profibus® cables for Fieldbus applications
 NP165: Seriplex® cables
 NP177: Cable preparation tool for bonded-pair cables
 NP185: Multimedia cables for analog & digital system controllers

NP195: IndustrialTuff® ControlBus® Low-loss coax cables
 NP196: Industrial Fieldbus cables
 NP218: Infinity® cables for factory automated systems
 NP224: Cables for variable-frequency AC motor drive applications
 NP231: Belden expands the DataTuff® Category 5e and 6

PLC/DCS Cable Cross Reference Guide

PLC/DCS Manufacturer	System Name	Belden Part No.	
ABB/ Bailey Controls	Infinet	9880 Network Trunk Cable	
		9463 Blue Hose® (Standard)	
		9463LS Steel Wire Armor (9463)	
		9463NH Low-Smoke, Halogen-Free (9463)	
	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 9860LS Steel Wire Armor (9860) 9860NH Low-Smoke, Halogen-Free (9860)	
	Modcell	3105A 1 Pair, RS-485	
Allen-Bradley/ Rockwell Automation	ControlNet™	See Protocol Listings on page 18.5	
	DeviceNet™	See Protocol Listings on page 18.5	
	DH	9463 Blue Hose® (Standard)	
		9463LS Steel Wire Armor (9463)	
		9463NH Low-Smoke, Halogen-Free (9463)	
		9463F Flexible Version (9463)	
		129463 Aluminum Armor (9463)	
		139463 Steel Armor (9463)	
		189463 Cast Aluminum (9463)	
		YR28826 Dual Version (9463)	
		9463DB Direct Burial (9463)	
YR29565 Various Color Jackets (9463)			
3072F 600V TC Rated (9463)			
YR28764 Super Thick (PLTC)			
89463 FEP* 200°C, Plenum			
DH-485	3074F 600V Tray Cable		
	3106A 1.5 Pair, RS-485 (PLTC)		
	9842 2 Pair, RS-485, NH, LS		
	9842LS Steel Wire Armor (9842)		
9842NH Low-Smoke, Halogen-Free (9842)			
YM39500 Flexible Version (3106A)			
Longline Communications	8723 Interface Cable		
	88723 Plenum Version		
Cutler-Hammer/ Westinghouse	IMPACC System	YR29090 Proprietary Trunk Cable	
	I/Q System	9463 Blue Hose® (Standard) 9463LS Steel Wire Armor (9463) 9463NH Low-Smoke, Halogen-Free (9463)	
Emerson Process Management (Fisher/Rosemount Controls)	Fieldbus (Type SP50 ISA/IEC)	See Protocol Listings on page 18.5	
	Hart	See Protocol Listings on page 18.5	
	Provox Plus	3094A RG-11 Quad Shield PVC 3131A RG-6 Quad Shield PVC	
GE Fanuc	Genius I/O System	YR29841 PLTC Version 9182 Communications Bus 89182 Plenum Version	
Honeywell	Access 4000 System	9248 RG-6 PVC	
	Fieldbus (Type SP50 ISA/IEC)	See Protocol Listings on page 18.5	
	IPC 620 System	I/O	9271 Twinax, 25 AWG, 124 Ohm
			9729 Up to 1220 m (4000 ft.)
			9182 Up to 3049 m (10000 ft.)
3000 UCN & LCN	89182 Plenum		
		3131A RG-6 Quad Shield PVC 9094A RG-11 Quad Shield PVC	

* Fluorinated Ethylene-Propylene

PLC/DCS Manufacturer	System Name	Belden Part No.	
Honeywell Micro-switch Division	Smart Distributed System	3086A Mini 3087A Micro	
Invensys/Foxboro	Fieldbus (Type SP50 ISA/IEC)	See Protocol Listings on page 18.5	
	I/A Series	Carrier Band	8233 Small Trunk 3095A Plenum 9290 Drop Cable
		Fieldbus	9207 Twinax 9207NH Low-Smoke, Halogen-Free (9207) 89207 200°C, Plenum 3073F 600V Tray Cable
	I/A Series	Node Bus	9880 Trunk Cable 89880 Plenum Version
Limitorque	DCC 100	3105A Actuator Bus Cable, 1 Pair, RS-485	
Matsushita	FP Series	C-NET	9207 Twinax, 20 AWG, Stranded, 100 Ohm 9207NH Low-Smoke, Halogen-Free (9207) 9860 Twinax, 16 AWG, Solid, 124 Ohm 9860LS Steel Wire Armor (9860) 9860NH Low-Smoke, Halogen-Free (9860)
		MEWNET-F	9207 Twinax, 20 AWG, Stranded, 100 Ohm 9207NH Low-Smoke, Halogen-Free (9207) 9860 Twinax, 16 AWG, Solid, 124 Ohm 9860LS Steel Wire Armor (9860) 9860NH Low-Smoke, Halogen-Free (9860)
		MEWNET-H	9248 RG-6, 75 Ohm, 18 AWG
	MEWNET-TR	9207 Twinax, 20 AWG, Stranded, 100 Ohm 9207NH Low-Smoke, Halogen-Free (9207) 9860 Twinax, 16 AWG, Solid, 124 Ohm 9860LS Steel Wire Armor (9860) 9860NH Low-Smoke, Halogen-Free (9860)	
		MEWNET-W	9207 Twinax, 20 AWG, Stranded, 100 Ohm 9207NH Low-Smoke, Halogen-Free (9207) 9806 4 Pair, RS-232, RS-422
	MEWNET-W2	9207 Twinax, 20 AWG, Stranded, 100 Ohm 9207NH Low-Smoke, Halogen-Free (9207) 9860 Twinax, 16 AWG, Solid, 124 Ohm 9860LS Steel Wire Armor (9860) 9860NH Low-Smoke, Halogen-Free (9860)	
		TRNET	9207 Twinax, 20 AWG, Stranded, 100 Ohm 9207NH Low-Smoke, Halogen-Free (9207) 9860 Twinax, 16 AWG, Solid, 124 Ohm 9860LS Steel Wire Armor (9860) 9860NH Low-Smoke, Halogen-Free (9860)
	Mitsubishi	DeviceNet™	See Protocol Listings on page 18.5
		CC-Link	1348A Three-Conductor 1349A Three-Conductor + Power
		Melsecnet (II) 10/10H	1505A Precision RG-59/U Coax 1505F High Flex (1505A) 1506A Plenum Precision Rg-59/U, Outdoor, Direct Burial
8241 Standard RG-59/U Coax 8241F High Flex (8241F)			
See Protocol Listings on page 18.5			
Profibus DP & FMS	8777 Control and Instrumentation Interconnect Cable 8777LS Steel Wire Armor (8777) 8777NH Low-Smoke, Halogen-Free (8777)		
Serial Communications	8777 Control and Instrumentation Interconnect Cable 8777LS Steel Wire Armor (8777) 8777NH Low-Smoke, Halogen-Free (8777)		

ControlNet™ is a ControlNet International trademark.
 DeviceNet™ is an Open DeviceNet Vendor Association Inc. trademark.
 Seriplex® is a Square D/Schneider AEG registered trademark.

PLC/DCS Cable Cross Reference Guide

(continued)



PLC/DCS Manufacturer	System Name	Belden Part No.
Modicon/ Schneider AEG	Modbus	8777 Modem Drop Cable, 22 AWG, 3 Pair
		8777LS Steel Wire Armor (8777)
		8777NH Low-Smoke, Halogen-Free (8777)
		128777 Aluminum Armor (8777)
		138777 Steel Armor (8777)
	8777 FEP* 200°C, Plenum	
	Modbus II	3092A RG-6 Quad Shield PVC
		3132A RG-6 Quad Shield, 150°C, Plenum
		3092F RG-6 Quad Shield PVC, Flexible Version
		123092A Aluminum Armor (3092A)
		133092A Steel Armor (3092A)
	Modbus Plus	YM29560 24 AWG, 1 Pair, RS-485
		YC39000 Aluminum Armor (YM29560)
		YC39222 Steel Armor (YM29560)
		YQ29258 24 AWG, 1 Pair, 150°C, Plenum
Remote I/O	3092A RG-6 Quad Shield PVC	
	3092F RG-6 Quad Shield PVC, Flexible Version	
	123092A Aluminum Armor (3092A)	
	133092A Steel Armor (3092A)	
	123092F Aluminum Armor, RG-6 Quad Shield PVC	
	3132A RG-6 Quad Shield, 150°C, Plenum	
	3094A RG-11 Quad Shield PVC	
	123094A Aluminum Armor (3094A)	
	133094A Steel Armor (3094A)	
	3095A RG-11 Quad Shield, 150°C, Plenum	
Omron	AS Interface	See Protocol Listings on page 18.5
	CompoBus/D (DeviceNet™)	See DeviceNet™ Protocol listings on page 18.5
	CompoBus/S	9409 1 Pair, 18 AWG, 300V PLTC Control
		9318 1 Pair, 18 AWG, 300V PLTC Control, Shielded
		3073F 600V Twinax Tray Cable
		3076ENH Fieldbus, Low-Smoke, Halogen-Free
	89740 1 Pair, 18 AWG, 300V Control	
	Controller Link	9207 Twinax
		9207NH Low-Smoke, Halogen-Free (9207)
		89207 Twinax, 200°C, Plenum
9815 100 Ohm Twinax, Direct Burial		
3073F 600V Twinax Tray Cable		
SYSBUS-2	3073F 600V Tray Cable Twinax	
SYSMAC BUS	9841 24 AWG, 1 Pair, RS-485	
	9841LS Steel Wire Armor (9841)	
	9841NH Low-Smoke, Halogen-Free (9841)	
	3105A 22 AWG, 1 Pair, RS-485	
SYSMAC LINK	9231 Coax	
Phoenix Contact	DeviceNet™	See Protocol Listings on page 18.5
	InterBus®-S	See Protocol Listings on page 18.5
	Profibus DP FMS & PA	See Protocol Listings on page 18.5
Reliance/A-B	Auto Max Distributed Power	MTB6002 2 Fiber Breakout I100255 2 Fiber Loose Tube PVC I100266 2 Fiber Loose Tube CPE
	R-Net	9259 RG-59 PVC 89259 RG-59, 200°C, Plenum
Rotork	Pakscan II E RS-485	3105A 22 AWG, 1 Pair, RS-485
Siemens/Moore	FMC (Field Mountable Controller)	3105A 1 Pair, RS-485
		3106A 1.5 Pair, RS-485
		3107A 2 Pair, RS-485
		3108A 3 Pair, RS-485
		3109A 4 Pair, RS-485
	Hiway	9860 Network Trunk Cable
		9860LS Steel Wire Armor (9860)
9860NH Low-Smoke, Halogen-Free (9860)		

* Fluorinated Ethylene-Propylene

PLC/DCS Manufacturer	System Name	Belden Part No.	
Siemens/Moore (continued)	MODULNET	3094A RG-11 Quad Shield PVC 3131A RG-6 Quad Shield PVC	
	Profibus DP & FMS (Purple)	See Protocol Listings on page 18.5	
	Profibus PA (Blue)	See Protocol Listings on page 18.5	
	SINEC Series	H1	9907 Thin Network Trunk Cable 9880 Network Trunk Cable
		H2B	3131A RG-6 Quad Shield 3094A RG-11 Quad Shield
	SINEC Series	L1	31071A 2 Pair, RS-485
		L2	3079A 300V Twinax 3079ALS Steel Wire Armor (3079A) 3079ANH Low-Smoke, Halogen-Free (3079A) 3079E Stranded Conductor (3079A)
	Thicknet Ethernet Trunk	9880 Network Trunk Cable 129880 Aluminum Interlocked Armor Trunk 139880 Steel Interlocked Armor Trunk See Protocol listings on page 18.5	
	Thinnet Ethernet Trunk	9907 Thin Network Trunk Cable See Protocol listings on page 18.5	
	Smar	Fieldbus (Type SP50 ISA/IEC)	See Protocol Listings on page 18.5
Profibus DP, FMS & PA		See Protocol Listings on page 18.5	
RS-485		See Protocol Listings on page 18.5	
Square D/ Schneider AEG	FIP/Fieldbus	3079A 22 AWG, 1 Pair, Shielded 3079ALS Steel Wire Armor (3079A) 3079ANH Low-Smoke, Halogen-Free (3079A) 3079E Stranded Conductor (3079A) 123079A Aluminum Armor (3079A)	
	Model 50, RS-422 Cable	8760 18 AWG, 1 Pair, Shielded 128760 Aluminum Armor (8760)	
	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	
		9841LS Steel Wire Armor (9841)	
		9841NH Low-Smoke, Halogen-Free (9841)	
		9842 24 AWG, 2 Pair, RS-485	
	9842LS Steel Wire Armor (9842)		
	9842NH Low-Smoke, Halogen-Free (9842)		
	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)			
SY/Net Network Trunk Cable	9463 Blue Hose® (Standard)		
	9463F Flexible Version (9463)		
	129463 Aluminum Armor (9463)		
	139463 Steel Armor (9463)		
	189463 Cast Aluminum (9463)		
	YR28826 Dual Version (9463)		
	9463DB Direct Burial (9463)		
YR29565 Various Color Jackets (9463)			
3072F 600V TC Rated (9463)			
YR41194 Low-Smoke, Halogen-Free			
YR28764 Super Thick (PLTC)			
89463 FEP* 200°C, Plenum			
SY/Net TNIM Cable	9272 20 AWG, 1 Pair, Shielded 89272 FEP* 200°C, Plenum		
Yokogawa	Fieldbus (Type SP50 ISA/IEC)	See Protocol Listings on page 18.5	
Westinghouse	WDPF	9292 RG-11 PVC	

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