

## PLC/DCS Cable Cross Reference Guide

PLC/DS Manufacturer	System Name	Belden Part No.
ABB/Bailey Controls	FOUNDATION™ Fieldbus	See Protocol listings on page 4.
	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
Cutler-Hammer/Westinghouse	Modcell	3105A 1 Pair, RS-485
	Profibus® DP & PA	See Protocol listings on page 4.
	IMPACC System	YR29090 Proprietary Trunk Cable
	I/Q System	9463 Blue Hose (Standard)
	LONWORKS®	See Protocol listings on page 4.
	DeviceNet®	See Protocol listings on page 4.
	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 4.
	HART®	See Protocol listings on page 4.
	Modbus®	See Protocol listings on page 4.
	Profibus DP	See Protocol listings on page 4.
Emerson Process Management (Fisher/Rosemont Systems) — Delta V Ovation	Provovx Plus	3091A RG-11 Quad Shield PVC
		3131A RG-6 Quad Shield PVC
	RS-485	See Protocol listings on page 4.
GE Energy	Mark VI	See Industrial Ethernet on page 4.
	Mark VIe	See Industrial Ethernet on page 4.
	EX2100	See Industrial Ethernet on page 4.
GE Fanuc — I/O Bus	DeviceNet	See Protocol listings on page 4.
	Genius	YR29841 PLTC Version
	9030, 9070	9182 Communications Bus
	PAC System	89182 Plenum Version
	Interbus®-S	See Protocol listings on page 4.
	Modbus	See Protocol listings on page 4.
	Profibus	See Protocol listings on page 4.
GE Fanuc — Sensor Device Networks	DeviceNet	See Protocol listings on page 4.
	Smart Distributed System (SDS®)	See Protocol listings on page 4.
Honeywell	Access 4000 System	9248 RG-6 PVC
	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 4.
	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
Honeywell Microswitch Division		3094A RG-11 Quad Shield PVC
	Smart Distributed System (SDS)	3086A Mini
		3087A Micro

PLC/DS Manufacturer	System Name	Belden Part No.
Invensys/Foxboro	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 4.
	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 4.
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
Mitsubishi Electric Automation	CC-Link	See Protocol listings on page 4.
	DeviceNet	See Protocol listings on page 4.
	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
	Modbus	See Protocol listings on page 4.
	Profibus DP	See Protocol listings on page 4.
	Serial Communications	8777 Control and Instrumentation Interconnect Cable

FEP = Fluorinated Ethylene-propylene

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Modicon/ Schneider AEG	Industrial Ethernet	See Protocol listings on page 4.
	Modbus	<b>8777</b> Modem Drop Cable, 22 AWG, 3 Pair
		<b>128777</b> Aluminum Armor (8777)
		<b>138777</b> Steel Armor (8777)
		<b>88777</b> FEP 200°C, Plenum
	Modbus II	<b>3092A</b> RG-6 Quad Shield PVC
		<b>3132A</b> RG-6 Quad Shield, 150°C, Plenum
		<b>3092F</b> RG-6 Quad Shield PVC, Flexible Version
		<b>123092A</b> Aluminum Armor (3092A)
		<b>133092A</b> Steel Armor (3092A)
	Modbus Plus	<b>YM29560</b> 24 AWG, 1 Pair, RS-485
		<b>YC39000</b> Aluminum Armor (YM29560)
		<b>YC39222</b> Steel Armor (YM29560)
		<b>YQ29258</b> 24 AWG, 1 Pair, 150°C, Plenum
	Remote I/O	<b>3092A</b> RG-6 Quad Shield PVC
		<b>3092F</b> RG-6 Quad Shield PVC, Flexible Version
		<b>123092A</b> Aluminum Armor (3092A)
		<b>133092A</b> Steel Armor (3092A)
		<b>123092F</b> Aluminum Armor, RG-6 Quad Shield PVC
		<b>3132A</b> RG-6 Quad Shield, 150°C, Plenum
		<b>3094A</b> RG-11 Quad Shield PVC
		<b>123094A</b> Aluminum Armor (3094A)
		<b>133094A</b> Steel Armor (3094A)
		<b>3095A</b> RG-11 Quad Shield, 150°C, Plenum
Omron	ComboBus/D (DeviceNet)	See DeviceNet Protocol listings on page 4.
	ComboBus/S	<b>9409</b> 18 AWG, 1 Pair, 300V PLTC Control
		<b>9318</b> 18 AWG, 1 Pair, 300V PLTC Control, Shielded
		<b>3073</b> 600V Tray Cable, Twinax
		<b>89740</b> 18 AWG, 1 Pair, 300V control
	Controller Link	<b>9207</b> Twinax
		<b>89207</b> Twinax, 200°C, Plenum
		<b>9815</b> Twinax, 100 Ohm, Direct Burial
		<b>3073F</b> 600V Tray Cable, Twinax
	Industrial Ethernet	See Protocol listings on page 4.
	SYSBUS-2	<b>3073F</b> 600V Tray Cable Twinax
	SYSMAC BUS	<b>9841</b> 22 AWG, 1 Pair, RS-485
		<b>3105A</b> 22 AWG, 1 Pair, RS-485
	SYSMAC LINK	<b>9231</b> RG-59U Coax
Phoenix Contact	DeviceNet	See Protocol listings on page 4.
	Industrial Ethernet	See Protocol listings on page 4.
	Interbus-S	See Protocol listings on page 4.
	Profibus DP FMS & PA	See Protocol listings on page 4

PLC/DS Manufacturer	System Name	Belden Part No.
Reliance/A-B	Auto Max Distributed Power	<b>MTB6002</b> 2 Fiber Breakout
		<b>I100255</b> 2 Fiber Loose Tube PVC
		<b>I100266</b> 2 Fiber Loose Tube CPE
	R-Net	<b>9259</b> RG-59 PVC
		<b>89259</b> RG-59, 200°C, Plenum.
Rockwell Automation/ Allen-Bradley	ControlNet™	See Protocol listings on page 4.
	DeviceNet	See Protocol listings on page 4.
	DH, DH+, Remote I/O	<b>9463</b> Blue Hose (Standard)
		<b>9463F</b> Flexible Version (9463)
		<b>129463</b> Aluminum Armor (9463)
		<b>139463</b> Steel Armor (9463)
		<b>189463</b> Continuous Armor (9463)
		<b>YR28826</b> Dual Version (9463)
		<b>YC39151</b> Dual Armored (9463)
		<b>9463DB</b> Direct Burial (9463)
		<b>YR29565</b> Various Color Jackets (9463)
		<b>3072F</b> 600V TC Rated (9463)
		<b>YR41104</b> Low Smoke, Halogen Free
		<b>YR28764</b> Super Thick (PLTC)
		<b>89463</b> FEP 200°C, Plenum
	DH-485	<b>3074F</b> 600V Tray Cable
		<b>3106A</b> 1.5 Pair, RS-485 (PLTC)
		<b>9842</b> 2 Pair, RS-485
		<b>YM39500</b> Flexible Version (3106A)
	Industrial Ethernet	See Protocol listings on page 4.
	Longline	<b>8723</b> Interface Cable
	Communications	<b>88723</b> Plenum Version
Rotork	Pakscan II E RS-485	<b>3105A</b> 22AWG, 1 Pair, RS-485
Siemens/ Moore	FMC (Field Mountable Controller)	<b>3105A</b> 1 Pair, RS-485
		<b>3106A</b> 1.5 Pair, RS-485
		<b>3107A</b> 2 Pair, RS-485
		<b>3108A</b> 3 Pair, RS-485
		<b>3109A</b> 4 Pair, RS-485
	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 4.
	Hiway	<b>9860</b> Network Trunk Cable
	Industrial Ethernet	See Protocol listings on page 4.
	MODULNET	<b>3094A</b> RG-11 Quad Shield PVC
		<b>3131A</b> RG-6 Quad Shield PVC
	Profibus DP & FMS (Purple)	See Protocol listings on page 4.
	Profibus PA (Blue)	See Protocol listings on page 4.
	SINEC Series H1	<b>9907</b> Thin Network Trunk Cable
		<b>9880</b> Network Trunk Cable
	SINEC Series H2B	<b>3131A</b> RG-6 Quad Shield
		<b>3094A</b> RG-11 Quad Shield
	SINEC Series L1	<b>3107A</b> 2 Pair, RS-485
	SINEC Series L2	<b>3079A</b> 300V Twinax
	Thicknet Ethernet Trunk	<b>9880</b> Network Trunk Cable
		<b>129880</b> Aluminum Interlocked Armor Trunk
		<b>139880</b> Steel Interlocked Armor Trunk
	Thicknet Ethernet Trunk	<b>9880</b> Network Trunk Cable
		<b>9907</b> Thin Network Trunk Cable

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Smar	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 4.
	Industrial Ethernet	See Protocol listings on page 4.
	Profibus DP FMS & PA	See Protocol listings on page 4.
	RS-485	See Protocol listings on page 4.
Square D/ Schneider AEG	FIP/Fieldbus	3079A 22 AWG, 1 Pair, Shielded
		123079A Aluminum Armor (3079A)
	Industrial Ethernet	See Protocol listings on page 4.
		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
		9842 24 AWG, 2 Pair, RS-485
	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)
	SY/Net Network Trunk Cable	9463DB Direct Burial (9463)
		YR29565 Various Color Jackets (9463)
		3072F 600V TC Rated (9463)
		YR41194 Low Smoke, Halogen Free
	SY/Net TNIM Cable	YR28764 Super Thick (PLTC)
		89463 FEP 200°C, Plenum
		9272 20 AWG, 1 Pair, Shielded
		89272 FEP 200°C, Plenum

PLC/DS Manufacturer	System Name	Belden Part No.
Yokogawa — CENTUM	DeviceNet	See Protocol listings on page 4.
	FOUNDATION Fieldbus	See Protocol listings on page 4. (Type SP50 ISA/IEC)
	HART	See Protocol listings on page 4.
	Industrial Ethernet	See Protocol listings on page 4.
	Profibus	See Protocol listings on page 4.
	RS-485	See Protocol listings on page 4.
Yokogawa — FA-M3	DeviceNet	See Protocol listings on page 4.
	Industrial Ethernet	See Protocol listings on page 4.
	Modbus	See Protocol listings on page 4.
	Profibus	See Protocol listings on page 4.
	RS-485	See Protocol listings on page 4.
Yokogawa — STARDOM	DeviceNet	See Protocol listings on page 4.
	FOUNDATION Fieldbus (Type SP50 ISA/IEC)	See Protocol listings on page 4.
	HART	See Protocol listings on page 4.
	Industrial Ethernet	See Protocol listings on page 4.
	Profibus	See Protocol listings on page 4.
	RS-485	See Protocol listings on page 4.
Westinghouse	WDPF	9292 RG-11 PVC

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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.  
 FOUNDATION Fieldbus is a Fieldbus Foundation trademark.  
 HART is a HART Communication Foundation trademark.  
 InterBus is a Phoenix Contact trademark.  
 LONWORKS is an Echelon trademark.  
 Modbus is a Modicon, Inc. 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 Cross Reference

System Name	Belden Part No.
Can Open/HART/ RS-485	<b>3105A</b> 1 Pair, RS-485 (PLTC)
	<b>3106A</b> 1.5 Pair, RS-485 (PLTC)
	<b>3107A</b> 2 Pair, RS-485 (PLTC)
CC-Link	<b>1348A</b> 20/3C, Foil + Braid Shield (formerly YR47205)
	<b>1349A</b> 20/3C Shielded + 18/2C Power (formerly YR47198)
ControlNet	<b>3092A</b> RG-6 PVC Quad Shield
	<b>3092F</b> RG-6 PVC Quad Shield, Flex Version, Alum. Braid
	<b>YR28890</b> RG-6 PVC Quad Shield, Flex Version, Copper Br.
	<b>3093A</b> RG-6 FEP Quad Shield, Plenum
	<b>123092A</b> Aluminum Armor (3092A)
	<b>133092A</b> Steel Armor (3092A)
	<b>183092A</b> Continuous Armor (3092A)
	<b>9463</b> 20 AWG Twinax, Blue Hose
	<b>3072F</b> 600V, TC Blue Hose
	<b>9463DB</b> Direct Burial Blue Hose
DataHighway (DH) & DataHighway Plus (DH+) Remote I/O	<b>9463F</b> High-Flex, Blue Hose
	<b>89463</b> High Temp, Plenum Blue Hose
	<b>129463</b> Aluminum Armor (9463)
	<b>139463</b> Steel Armor (9463)
	<b>189463</b> Continuous Armor (9463)
	<b>YR28826</b> Dual Blue Hose
	<b>YC39151</b> Dual Armored Blue Hose
	<b>YR28764</b> Thick Wall PLTC Blue Hose
	<b>YR29565</b> Colored Blue Hose
	<b>YR41104</b> Low Smoke Zero Halogen Blue Hose
	<b>3082A</b> PVC (Thick)
	<b>3082F</b> High-Flex (Thick)
	<b>3082K</b> CL2 (Flat)
	<b>3082KP</b> Auxiliary Power (Flat)
	<b>3083A</b> CPE (Thick)
DeviceNet	<b>3084A</b> PVC (Thin)
	<b>3084F</b> High-Flex (Thin)
	<b>3085A</b> CPE (Thin)
	<b>7895A</b> CL2 PVC (Cable III Mid)
	<b>7896A</b> CL1 PVC (Type V Trunk Cable)
	<b>7897A</b> CL1 PVC (Thick)
	<b>7900A</b> CL1 Unshielded (Drop Cable IV)
	<b>3076F</b> Type A, 18 AWG, Foil, PLTC-ER ITC
	<b>3077F</b> Type B, 1200m (31.25K)
	<b>3078F</b> High speed 500m (2.5MHz)
	<b>HSE</b> Copper & Fiber
	See Industrial Ethernet listing.
	<b>1334A</b> Type A, 18 AWG, Foil & Braid, PLTC ITC
	<b>1335A</b> Type A, 16 AWG, Foil & Braid, PLTC-ER ITC
	<b>1336A</b> Type A, 14 AWG, Foil & Braid, PLTC-ER ITC
FOUNDATION Fieldbus (Type SP50 ISA/IEC)	<b>1327A</b> Type A, 18 AWG, 2 Pairs, PLTC ITC
	<b>1328A</b> Type A, 18 AWG, 5 Pairs, PLTC ITC
	<b>1329A</b> Type A, 18 AWG, 8 Pairs, PLTC ITC
	<b>1330A</b> Type A, 18 AWG, 12 Pairs, PLTC ITC
	<b>1331A</b> Type A, 18 AWG, 16 Pairs, PLTC ITC
	<b>1332A</b> Type A, 18 AWG, 20 Pairs, PLTC ITC
	<b>1333A</b> Type A, 18 AWG, 24 Pairs, PLTC ITC
	<b>HART/RS-485/ Can Open</b>
	<b>3105A</b> 1 Pair, RS-485 (PLTC)
	<b>3106A</b> 1.5 Pair, RS-485 (PLTC)
	<b>3107A</b> 2 Pair, RS-485 (PLTC)
Industrial Ethernet	<b>7932A</b> Cat 5e, 2-Pair, Bonded
	<b>7933A</b> Cat 5e, 2-Pair, Bonded, Shielded
	<b>7923A</b> Cat 5e, 4-Pair, Bonded
	<b>7918A</b> Cat 5e, 4-Pair
	<b>7924A</b> Cat 5e, 4-Pair, Bonded, Flexible
	<b>7929A</b> Cat 5e, Bonded, Stranded, Shielded
	<b>7930A</b> Cat 5e, 4-Pair, Flexible

System Name	Belden Part No.
Industrial Ethernet (Continued)	<b>7922A</b> Cat 5e, 4-Pair, Bonded, PLTC
	<b>7934A</b> Cat 5e, 4-Pair, Bonded, Burial
	<b>7937A</b> Cat 5e, 4-Pair, Bonded, Shielded, Burial
	<b>7928A</b> Cat 5e, 4-Pair, Bonded, Gas Res, High + Low Temperature
	<b>11700A</b> Cat 5e, 4-Pair, Bonded, Upjacketed
	<b>11700A2</b> Cat 5e, 4-Pair, Bonded, Upjacketed, Oil Res II
	<b>121700A</b> Cat 5e, 4-Pair, Bonded, Armored
	<b>121700R</b> Cat 5e, Bonded, Armored, -40°C Cold Impact
	<b>7919A</b> Cat 5e, 4-Pair, Shielded
	<b>7921A</b> Cat 5e, 4-Pair, Bonded, Shielded (Foil + Braid)
	<b>7935A</b> Cat 5e, Bonded, Low Smoke Zero Halogen
	<b>7936A</b> Cat 5e, Bonded, Shielded, Low Smoke Zero Halogen
	<b>7927A</b> Cat 6, 4-Pair, Bonded
	<b>7931A</b> Cat 6, 4-Pair, Bonded, Gas Res, High + Low Temperature
	<b>11872A</b> Cat 6, 4-Pair, Bonded, Upjacketed
Interbus-S	<b>121872A</b> Cat 6, 4-Pair, Bonded, Armored
	<b>3119A</b> 18/3C, 24/3 Pair, Composite
LONWORKS	<b>3120A</b> 24/3 Pair
	<b>8471</b> 16AWG, 1-Pair, UL AWM 2598
Modbus	<b>8917</b> 16AWG, 1 Cond, UL AWM 1015
	<b>85102</b> 16AWG, 2 Cond, VW1, Plenum
	<b>Category 5e</b> See Industrial Ethernet listing.
	<b>8777</b> 22 AWG, 3 Pair, Modem Drop Cable
	<b>128777</b> Aluminum Armor (8777)
	<b>138777</b> Steel Armor (8777)
	<b>88777</b> FEP 200°C, Plenum (8777)
	<b>Profibus DP &amp; FMS (Purple)</b>
	<b>3079A</b> 22 AWG 300V Twinax
	<b>3079E</b> 22 AWG 300V Twinax, Flex Version
Profibus PA (Blue) RS-485/HART/ Can Open	<b>3076F</b> 18 AWG, 2 Conductors, Type A
	<b>9841</b> 1 Pair
	<b>82841</b> 1 Pair, Plenum
	<b>89841</b> 1 Pair, Plenum, High-Temperature
	<b>9842</b> 2 Pair
	<b>82842</b> 2 Pair, Plenum
	<b>9843</b> 3 Pair
	<b>9844</b> 4 Pair
	<b>7200A</b> 1 Pair, RS-485, Hi Flex
	<b>7201A</b> 2 Pair, RS-485, Hi Flex
	<b>7202A</b> 3 Pair, RS-485, Hi Flex
	<b>7203A</b> 4 Pair, RS-485, Hi Flex
	<b>7206A</b> 1 Pair, RS-485, Hi Flex
	<b>3105A</b> 1 Pair, RS-485 (PLTC)
	<b>3106A</b> 1.5 Pair, RS-485 (PLTC)
Seriplex	<b>3107A</b> 2 Pair, RS-485 (PLTC)
	<b>3108A</b> 3 Pair, RS-485 (PLTC)
	<b>3109A</b> 4 Pair, RS-485 (PLTC)
	<b>3124A</b> 1 Pair 18 AWG, 1 Pair 22 AWG
	<b>3125A</b> 1 Pair 16 AWG, 1 Pair 22 AWG
	<b>3126A</b> 1 Pair 16 AWG, 1 Pair 22 AWG, 1 Pair 12 AWG
	<b>123124A</b> Aluminum Armor (3124A)
	<b>123125A</b> Aluminum Armor (3125A)
	<b>123126A</b> Aluminum Armor (3126A)
	<b>Smart Distributed System (SDS)</b>
Smart Distributed System (SDS)	<b>3086A</b> 1 Pair 16 AWG, 1 Pair 20 AWG
	<b>3087A</b> 2 Pairs 22 AWG

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