

Industrial Data Solutions® - Industrial Data

DeviceBus® for ODVA DeviceNet™ Cables



De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Color Code	Nominal OD		Compo- nent	Description	Shielding Material & Nom. DCR	Insulation Material & Colors	Component Jacket Material & Colors	Insulation OD	
			ft.	m	lbs.	kg		inch	mm						inch	mm

600V Class 1 Thick • 15 AWG and 18 AWG • Stranded Tinned Copper • Beldfoil® • 18 AWG TC Drain Wire • Overall 65% TC Braid

PVC/Nylon Insulation (Power) • FEP Insulation (Data) • Grey Sunlight/Oil-Resistant PVC Jacket

High Velocity Thick 600V 75°C	7897A	NEC:	500	152	69.7	31.6	Red, Black	0.461	11.70	Power	2-Conductor 15 AWG 1.7 mm (19x28) TC	Individual Beldfoil®	PVC/Nylon			0.099	2.51
		TC-ER	1000	305	135.1	61.3											
			2000	610	274.3	124.4											



Blue, White	Data	2-Conductor 18 AWG 1.24 mm (19x30) TC VOP: 75% 120 Ohm	Individual Beldfoil®	FEP		0.146	3.71
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Meter marks on jacket to aid users in installation.
Allen-Bradley P/N 1485 CPI-A

600V Class 1 ODVA Cable V • 16 AWG and 18 AWG • Stranded TC • Beldfoil® • 16 AWG TC Drain Wire • Overall 65% TC Braid

PVC/Nylon Insulation (Power) • F-R Polypropylene Insulation (Data) • Grey Sunlight/Oil-Resistant PVC Jacket

600V 75°C	7896A	NEC:	500	152	89.1	40.4	Red, Black	0.525	13.34	Power	2-Conductor 16 AWG 1.47 mm (19x29) TC	Individual Beldfoil®	PVC/Nylon			0.101	2.57
		TC-ER	1000	305	168.0	76.2											
			2000	610	339.9	154.2											



Blue, White	Data	2-Conductor 18 AWG 1.24 mm (19x30) TC VOP: 64% 120 Ohm	Individual Beldfoil®	F-R PP		0.182	4.62
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Meter marks on jacket to aid users in installation.
Allen-Bradley P/N 1485 CPI-A

600V Class 1 ODVA IV • 16 AWG and 18 AWG • Stranded Tinned Copper • Unshielded

PVC/Nylon Insulation (Power) • F-R Polypropylene Insulation (Data) • Grey Sunlight/Oil-Resistant PVC Jacket

Drop 600V 75°C	7900A	NEC:	500	152	50.9	23.1	Red, Black	0.430	10.92	Power	2-Conductor 16 AWG 1.47 mm (19x29) TC	Unshielded	PVC/Nylon			0.101	2.57
		TC-ER	1000	305	104.9	47.6											



Blue, White	Data	2-Conductor 18 AWG 1.24 mm (19x30) TC VOP: 64% 120 Ohm	Unshielded	F-R PP		0.098	2.49
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Meter marks on jacket to aid users in installation.
Allen-Bradley P/N 1485 CPI-C

600V Class 2 Thick • 15 AWG and 18 AWG • Stranded Tinned Copper • Beldfoil® • 18 AWG TC Drain Wire • Overall 65% TC Braid

PVC Insulation (Power) • FPE Insulation (Data) • Sunlight/Oil-Resistant PVC Jacket (Grey and Red)

Thick 75°C UL AWM 20201	3082A	NEC:	500	152	71.0	32.2	Red, Black	0.480	12.19	Power	2-Conductor 15 AWG 1.7 mm (19x28) TC	Individual Beldfoil®	PVC			0.109	2.77
		CMG	1000	305	138.0	62.6											
		PLTC-ER CEC: CMG FT4	2000	610	280.0	127.0											



Blue, White	Data	2-Conductor 18 AWG 1.24 mm (19x30) TC VOP: 75% 120 Ohm	Individual Beldfoil®	FPE		0.150	3.81
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Meter marks on jacket to aid users in installation.
Allen-Bradley P/N 1485 CPI-A
152 m and 610 m put-ups not available in Red.

TC = Tinned Copper • DCR = DC resistance
ODVA DeviceNet™ is an Open DeviceNet Vendor Association Inc. trademark.

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DeviceBus® for ODVA DeviceNet™ Cables



De-scription	Part No.	UL NEC / C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Color Code	Nominal OD		Component	Description	Shielding Material & Nom. DCR	Insulation Material & Colors	Component Jacket Material & Colors		Insulation OD	
			ft.	m	lbs.	kg		inch	mm					inch	mm		

300V Class 2 Thick • 15 AWG and 18 AWG • Stranded Tinned Copper • Beldfoil® • 18 AWG TC Drain Wire • Overall 65 % TC Braid

PVC Insulation (Power) • FPE Insulation (Data) • Grey Sunlight/Oil-Resistant PVC Jacket

High-Flex Thick 75°C UL AWM 20201	3082F	NEC: CMG PLTC-ER CEC: CMG FT4	500 1000 2000	152 305 610	72.5 140.0 284.0	32.9 63.5 128.8	Red, Black	0.480	12.19	Power	2-Conductor 15 AWG 1.7 mm (65x33) TC	Individual Beldfoil®	PVC			0.109	2.77
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C(UL) AWM I/II A

Blue, White		Data	2-Conductor 18 AWG 1.2 mm (65x36) TC VOP: 75 % 120 Ohm	Individual Beldfoil®	FPE			0.153	3.89
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Meter marks on jacket to aid users in installation.
Allen-Bradley P/N 1485 CPI-A
152 m and 610 m put-ups not available in Red.

PVC Insulation (Power) • FPE Insulation (Data) • Yellow CPE Jacket

Thick 75°C	3083A	NEC: CMG PLTC CEC: CMG FT4	1000 2000	305 610	136.9 278.0	62.1 126.1	Red, Black	0.475	12.07	Power	2-Conductor 15 AWG 1.7 mm (19x28) TC	Individual Beldfoil®	PVC			0.109	2.77
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Blue, White		Data	2-Conductor 18 AWG 1.24 mm (19x30) TC VOP: 75 % 120 Ohm	Individual Beldfoil®	FPE			0.150	3.81
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Meter marks on jacket to aid users in installation.
Allen-Bradley P/N 1485 CPI-A

300V Class 2 Thin • 22 AWG and 24 AWG • Stranded Tinned Copper • Beldfoil® • 22 AWG TC Drain Wire • Overall 65 % TC Braid

PVC Insulation (Power) • FPE Insulation (Data) • Grey Sunlight/Oil-Resistant PVC Jacket

Thin 75°C	3084A	NEC: CL2 CMG CEC: CMG FT4	500 1000 2000	152 305 610	22.0 47.0 96.1	10.0 21.3 43.6	Red, Black	0.280	7.11	Power	2-Conductor 22 AWG 0.78 mm (19x34) TC	Individual Beldfoil®	PVC			0.072	1.83
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C(UL) AWM I/II A

Blue, White		Data	2-Conductor 24 AWG 0.61 mm (19x36) TC VOP: 75 % 120 Ohm	Individual Beldfoil®	FPE			0.077	1.96
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Meter marks on jacket to aid users in installation.
Allen-Bradley P/N 1485 CPI-C
305 m put-up also available in Red.

PVC Insulation (Power) • FPE Insulation (Data) • Grey Sunlight/Oil-Resistant PVC Jacket

High-Flex Thin 75°C	3084F	NEC: CL2 CMG CEC: CMG FT4	500 1000 2000	152 305 610	22.0 47.0 96.1	10.0 21.3 43.6	Red, Black	0.275	6.99	Power	2-Conductor 22 AWG 0.76 mm (154x44) TC	Individual Beldfoil®	PVC			0.062	1.57
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C(UL) AWM I/II A

Blue, White		Data	2-Conductor 24 AWG 0.58 mm (105x44) TC VOP: 75 % 120 Ohm	Individual Beldfoil®	FPE			0.081	2.06
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Meter marks on jacket to aid users in installation.
Allen-Bradley P/N 1485 CPI-C

TC = Tinned Copper • DCR = DC resistance

ODVA DeviceNet™ is an Open DeviceNet Vendor Association Inc. trademark.



For more information, contact Belden Technical Support +31-77-3875-414 • www.belden-emea.com

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DeviceBus® for ODVA DeviceNet™ Cables



De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Color Code	Nominal OD		Compo- nent	Description	Shielding Material & Nom. DCR	Insulation Material & Colors	Component Jacket Material & Colors	Insulation OD		
			ft.	m	lbs.	kg		inch	mm						inch	mm	
300V Class 2 Thin • 22 AWG and 24 AWG • Stranded Tinned Copper • Beldfoil® • 22 AWG TC Drain Wire • Overall 65% TC Braid																	
PVC Insulation (Power) • FPE Insulation (Data) • Yellow CPE Jacket																	
Thin 75°C	3085A	NEC:	500	152	25.1	11.4	Red, Black	0.280	7.11	Power	2-Conductor 22 AWG 0.78 mm (19x34) TC	Individual Beldfoil®	PVC			0.072	1.83
		CL2 CMG	1000	305	47.2	21.4											
		CEC:	2000	610	96.1	43.6											
		CMG FT4															
							Blue, White			Data	2-Conductor 24 AWG 0.61 mm (19x36) TC VOP: 75% 120 Ohm	Individual Beldfoil®	FPE			0.077	1.96
Meter marks on jacket to aid users in installation. Allen-Bradley P/N 1485 CPI-C																	
300V Class 2 ODVA Cable III • 20 AWG and 18 AWG • Stranded TC • Beldfoil® • 20 AWG TC Drain Wire • Overall 65% TC Braid																	
PVC Insulation (Power) • FPE Insulation (Data) • Grey Sunlight/Oil-Resistant PVC Jacket																	
Mid 75°C	7895A	NEC:	500	152	41.0	18.6	Red, Black	0.378	9.60	Power	2-Conductor 20 AWG 0.94 mm (19x32) TC	Individual Beldfoil®	PVC			0.080	2.03
		UL AWM 20201 (600V) CMG PLTC	1000	305	84.0	38.1											
		CEC:															
		CMG FT4															
							Blue, White			Data	2-Conductor 18 AWG 1.24 mm (19x30) TC VOP: 75% 120 Ohm	Individual Beldfoil®	FPE			0.129	3.28
Meter marks on jacket to aid users in installation.																	
Flat • 16 AWG • Stranded (19x29) 1.5 mm Tinned Copper • Unshielded																	
PVC Insulation (Power) • FPE Insulation (Data) • Grey Sunlight/Oil-Resistant PVC Jacket																	
Class 2 300V 75°C	3082K	NEC:	246	75	30.9	14.0	Red, Black	0.430	10.92	Power	2-Conductor 16 AWG 1.47 mm (19x29) TC	Unshielded	PVC			0.110	2.80
		CMG CL2	656	200	78.7	35.7											
		PLTC	1378	420	165.6	75.1											
		CEC:															
		CMG FT4															
							Blue, White			Data	2-Conductor 16 AWG 1.47 mm (19x29) TC VOP: 75% 120 Ohm	Unshielded	FPE			0.110	2.80
Allen-Bradley P/N 1485 CPI-G																	
PVC Insulation (Power) • Black Sunlight-Resistant PVC Jacket																	
Class 1 Power 600V 75°C	3082KP	NEC:	246	75	32.0	14.5	Red, Black	0.430	10.92	Power	2-Conductor 16 AWG 1.47 mm (19x29) TC	Unshielded	PVC			0.110	2.80
		CMG ITC	656	200	81.3	36.9											
		PLTC TC	1378	420	171.1	77.6											
		CEC:															
		CMG FT4															
							Blue, White			Data	2-Conductor 16 AWG 1.47 mm (19x29) TC VOP: 75% 120 Ohm	Unshielded	PVC			0.110	2.80
Allen-Bradley P/N 1485 CPI-G																	

TC = Tinned Copper • DCR = DC resistance

ODVA DeviceNet™ is an Open DeviceNet Vendor Association Inc. trademark.

Industrial Data Solutions® – Industrial Data

DeviceBus® for Honeywell Smart Distributed System Cables



De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Color Code	Nominal OD		Compo- nent	Description	Shielding Material & Nom. DCR	Insulation Material & Colors	Component Jacket Material & Colors	Insulation OD	
			ft.	m	lbs.	kg		inch	mm						inch	mm

22 AWG • Stranded Tinned Copper • Each Pair Individually Beldfoil® Shielded • 22 AWG Tinned Copper Drain Wire

PVC Insulation (Power) • FPE Insulation (Data) • Grey PVC Jacket

30V 80°C UL AWM Style 2464	3087A	NEC: CL2 CEC: FT1	500 1000 2000	152 305 610	19.0 41.0 84.0	8.6 18.6 38.1	Blue, Brown	0.290	7.37	Power	2-Conductor 22 AWG 0.78 mm (19x34) TC	Individual Beldfoil®	PVC		0.050	1.27
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							Black, White			Data	2-Conductor 22 AWG 0.78 mm (19x34) TC VOP: 76 % 120 Ohm	Individual Beldfoil®	FPE		0.098	2.49
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CSA AWM I/II A
Micro Cable (Drop)

Honeywell Smart Distributed System

16 AWG and 20 AWG • Stranded Tinned Copper • Each Pair Individually Beldfoil® Shielded • 20 AWG Tinned Copper Drain Wire

PVC Insulation (Power) • FPE Insulation (Data) • Grey PVC Jacket

30V 80°C UL AWM Style 2464	3086A	NEC: CL2 CEC: FT1	500 1000	152 305	43.4 88.0	19.7 39.9	Blue, Brown	0.398	10.11	Power	2-Conductor 16 AWG 1.47 mm (19x29) TC	Individual Beldfoil®	PVC		0.090	2.29
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							Black, White			Data	2-Conductor 20 AWG 0.94 mm (19x32) TC VOP: 76 % 120 Ohm	Individual Beldfoil®	FPE		0.120	3.05
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CSA AWM I/II A
Mini Cable (Trunk)

Honeywell Smart Distributed System

TC = Tinned Copper • DCR = DC resistance

Industrial Data Solutions® - Industrial Data

DeviceBus® for Square D/Seriplex® Cables



De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Color Code	Nominal OD		Compo- nent	Description	Shielding Material & Nom. DCR	Insulation Material & Colors	Component Jacket Material & Colors	Insulation OD	
			ft.	m	lbs.	kg		inch	mm						inch	mm

18 AWG and 22 AWG • Stranded Tinned Copper • Overall Beldfoil® • 22 AWG Tinned Copper Drain Wire

Foam HDPE Insulation (Power) • Foam HDPE Insulation (Data) • Orange PVC Jacket																	
	600V 75°C	3124A	NEC: CL2 CM	1000	305	47.0	21.3	Red, Black	0.308	7.82	Power	2-Conductor 18 AWG 1.2 mm (16x30) TC	Unshielded	Foam HDPE		0.098	2.49
	UL AWM Style 20201		CEC: CM														
								White, Green			Data	2-Conductor 22 AWG 0.76 mm (7x30) TC VOP: 78%	Unshielded	Foam HDPE		0.092	2.34
Seriplex® CBL 1822-P18																	

16 AWG and 22 AWG • Stranded Tinned Copper • Overall Beldfoil® • 22 AWG Tinned Copper Drain Wire

Foam HDPE Insulation (Power) • Foam HDPE Insulation (Data) • Orange PVC Jacket																	
	300V 75°C	3125A	NEC: CL2 CM	500	152	31.5	14.3	Red, Black	0.368	9.35	Power	2-Conductor 16 AWG 1.5 mm (26x30) TC	Unshielded	Foam HDPE		0.110	2.79
			CEC: CM	1000	305	63.1	28.6										
								White, Green			Data	2-Conductor 22 AWG 0.76 mm (7x30) TC VOP: 78%	Unshielded	Foam HDPE		0.110	2.79
Seriplex® CBL 1622-P1																	

16 AWG, 22 AWG and 12 AWG • Stranded Tinned Copper • Twisted Pair • Overall Beldfoil® • 22 AWG Tinned Copper Drain Wire

Foam HDPE Insulation (Control) • Foam HDPE Insulation (Data) • PVC Insulation (Power) • Orange PVC Jacket																	
	300V 75°C	3126A	NEC: CL2 CM	1000	305	112.0	50.8	Red, Black	0.486	12.34	Control	2-Conductor 16 AWG 1.5 mm (26x30) TC VOP: 78%	Unshielded	Foam HDPE		0.110	2.79
			CEC: CM							x	x						
								White, Green			Data	2-Conductor 22 AWG 0.76 mm (7x30) TC VOP: 78%	Unshielded	Foam HDPE		0.110	2.79
								Black/White, Red/White			Power	2-Conductor 12 AWG 2.41 mm (65x30) TC VOP: 48%	Unshielded	PVC		0.123	3.12
Seriplex® CBL 162212-P16																	

TC = Tinned Copper • DCR = DC resistance

Seriplex® is a Square D/Schneider AEG registered trademark.

Industrial Data Solutions® – Industrial Data
 DeviceBus® for Phoenix Contact InterBus®-S Cables

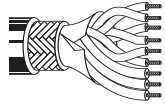


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Color Code	Nominal OD		Compo- nent	Description	Shielding Material & Nom. DCR	Insulation Material & Colors	Component Jacket Material & Colors	Insulation OD	
			ft.	m	lbs.	kg		inch	mm						inch	mm

18 AWG and 24 AWG • Stranded Tinned Copper • Overall Beldfoil® + 90% Tinned Copper Braid

PVC Insulation (Power) • Polyethylene Insulation (Data) • Green Polyurethane Jacket

300V 80°C UL AWM Style 20233	3119A		500 1000	152 305	35.5 71.0	16.1 32.2	Red, Blue and Green (with Yellow Stripe)	0.333 8.46		Control	3-Conductor 18 AWG 1.22 mm (7x26) TC	Unshielded	PVC			0.066 1.68
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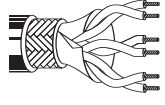
							White/Brown, Pink/Grey, Yellow/Green			Power	3-Pair 24 AWG 0.61 mm (7x32) TC VOP: 66% 100 Ohm	Unshielded	PE			0.056 1.42
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De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	

24 AWG • Stranded (7x32) 0.6mm Tinned Copper • Overall Beldfoil® + 90% Tinned Copper Braid

Polyethylene Insulation • Green Polyurethane Jacket

300V 80°C UL AWM Style 20233	3120A		500 1000	152 305	26.0 48.9	11.8 22.2	0.61 mm 24 AWG (7x32) TC	0.056 1.42		Overall Beldfoil® + Overall 90% TC Braid	0.277 7.04	100	66%	15.4 50.5			White/Brown, Pink/Grey, Yellow/Green
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3-Pair

TC = Tinned Copper • DCR = DC resistance

InterBus® is a Phoenix Contact trademark.