

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	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

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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  C(UL) AWM I/II A	3082F	NEC:	500	152	72.5	32.9	Red, Black	0.480	12.19	Power	2-Conductor 15 AWG 1.7 mm (65x33) TC	Individual Beldfoil®	PVC			0.109	2.77
		CMG	1000	305	140.0	63.5											
		PLTC-ER CEC: CMG FT4	2000	610	284.0	128.8											
						Blue, White			Data	2-Conductor 18 AWG 1.2 mm (65x36) TC VOP: 75% 120 Ohm	Individual Beldfoil®	FPE			0.153	3.89	
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  C(UL) AWM I/II A	3083A	NEC:	1000	305	136.9	62.1	Red, Black	0.475	12.07	Power	2-Conductor 15 AWG 1.7 mm (19x28) TC	Individual Beldfoil®	PVC			0.109	2.77
		CMG	2000	610	278.0	126.1											
		PLTC CEC: CMG FT4															
						Blue, White			Data	2-Conductor 18 AWG 1.24 mm (19x30) TC VOP: 75% 120 Ohm	Individual Beldfoil®	FPE			0.150	3.81	
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  C(UL) AWM I/II A	3084A	NEC:	500	152	22.0	10.0	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	47.0	21.3											
		CEC: CMG FT4	2000	610	96.1	43.6											
						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 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  C(UL) AWM I/II A	3084F	NEC:	500	152	22.0	10.0	Red, Black	0.275	6.99	Power	2-Conductor 22 AWG 0.76 mm (154x44) TC	Individual Beldfoil®	PVC			0.062	1.57
		CL2 CMG	1000	305	47.0	21.3											
		CEC: CMG FT4	2000	610	96.1	43.6											
						Blue, White			Data	2-Conductor 24 AWG 0.58 mm (105x44) TC VOP: 75% 120 Ohm	Individual Beldfoil®	FPE			0.081	2.06	
Meter marks on jacket to aid users in installation. Allen-Bradley P/N 1485 CPI-C																	

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

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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: CMG FT4	2000	610	96.1	43.6											
										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)	1000	305	84.0	38.1											
		CMG PLTC CEC: CMG FT4															
										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 CEC: CMG FT4	1378	420	165.6	75.1											
										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 CEC: CMG FT4	1378	420	171.1	77.6											
										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

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