

Industrial Data Solutions® — Industrial Data

DeviceBus® for ODVA DeviceNet™

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Shielding Materials Nom. DCR	Color Code	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Maximum Attenuation		
			Ft.	m	Lbs.	kg				Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
300V Class 2 ODVA Cable III • 20 and 18 AWG Stranded TC Cond. • Indiv. Foil Shielded (100% Coverage) + Overall TC Braid (65% Coverage)																		
PVC Insulation (Power) • FPE Insulation (Data) • Gray Sunlight/Oil-resistant PVC Jacket																		
Mid 75°C	7895A	NEC: CMG PLTC CEC: CMG FT4	500 1000	152.4 304.8	41.0 84.0	18.6 38.1	(2)18 AWG TC (19x30) 6.9Ω/M' 22.6Ω/km (2)20 AWG TC (19x32) 10.9Ω/M' 35.8Ω/km	100% Individual Foil + Overall 65% TC Braid 10.5Ω/km	Power Pair: Red&Black Data Pair: Blue&White	.378 9.60	— —	— —	— —	— —	— —	— —	— —	— —
UL AWM 20201 (600V) 20 AWG stranded (19x32) tinned copper drain wire. Meter marks on jacket to aid users in installation.																		

**Flat • 16 AWG Stranded (19x29) Tinned Copper Conductors • Unshielded**

PVC Insulation (Power) • FPE Insulation (Data) • Gray Sunlight-resistant PVC Jacket																		
Class 2 300V 75°C	3082K	NEC: CMG CL2 PLTC CEC: CMG FT4	246 656 1378	75.0 200.0 420.0	30.8 78.7 165.4	14.0 35.7 75.1	(4)16 AWG TC (19x29) 4.9Ω/M' 16.1Ω/km	Unshielded	Power Pair: Red&Black Data Pair: Blue&White	.760 x .210 10.92 x 5.33	— —	— —	— —	— —	— —	— —	— —	— —
Allen-Bradley P/N 1485 CPI-G																		
PVC Insulation • Black Sunlight-resistant PVC Jacket																		
Class 1 Power 600V 75°C	3082KP	NEC: CMG, ITC, PLTC, TC CEC: CMG FT4	246 656 1378	75.0 200.0 420.0	32.0 81.3 170.9	14.5 36.9 77.6	(4)16 AWG TC (19x29) 4.9Ω/M' 16.1Ω/km	Unshielded	Red&Black, Blue&White	.760 x .210 10.92 x 5.33	— —	— —	— —	— —	— —	— —	— —	— —
Allen-Bradley P/N 1485 CPI-G																		



DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • TC = Tinned Copper if conductor, or Tray Cable if NEC rating.

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