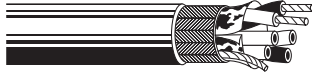


Low-Capacitance Computer Cables for RS-485 Applications

Overall Foil/Braid Shield • RS-485 • DMX512

- NEC: CM
- CEC: CM



Part No.	Pairs	Color Code	OD (Nom)		Insulation Thickness		Jacket Thickness		Capacitance				Additional Features/Ratings
			Inch	mm	Inch	mm	Inch	mm	Cond. - Cond.		Cond. - Shield		
									pF/Ft	pF/m	pF/Ft	pF/m	

24 AWG • Polyethylene/PVC

Stranded (7 x 32) TC Conductors • Polyethylene Insulation • Overall Beldfoil® + 90% TC Braid Shield • 24 AWG Stranded TC Drain Wire • Chrome PVC Jacket													
9841	1	Chart 5	.232	5.89	.023	.58	.035	.89					UL AWM Style 2919 (30V, 80°C) ANSI E1.11 DMX512 120 Ω Nom. Impedance 66% Velocity of Prop. Conductor DCR (Nom): 24.0 Ω /1000' (78.7 Ω/km)
9842	2	Chart 5	.340	8.64					12.8	42.0	23.0	75.5	
9843	3	Chart 5	.360	9.14	.022	.56	.035	.89					
9844	4	Chart 5	.390	9.91									

Plenum • Overall Foil/Braid Shield • RS-485

- NEC: CMP
- CEC: CMP FT6



Part No.	Pairs	Color Code	OD (Nom)		Insulation Thickness		Jacket Thickness		Capacitance				Additional Features/Ratings
			Inch	mm	Inch	mm	Inch	mm	Cond. - Cond.		Cond. - Shield		
									pF/Ft	pF/m	pF/Ft	pF/m	

24 AWG • FEP/Flamarrest®

Stranded (7 x 32) TC Conductors • Foam FEP Insulation • Overall Beldfoil + 90% TC Braid Shield • 24 AWG Stranded TC Drain Wire • Natural Flamarrest Jacket													
82841	1	Chart 5	.204	5.18	.025	.64	.015	.38					Plenum 300V 120 Ω Nom. Impedance 76% Velocity of Prop. Conductor DCR (Nom): 24.0 Ω /1000' (78.7 Ω/km)
82842	2	Chart 5	.273	6.93	.019	.48	.015	.38	12	39.4	22	72.2	

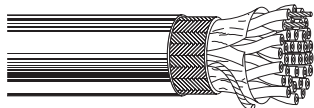
24 AWG • FEP/FEP

Stranded (7 x 32) TC Conductors • Foam FEP Insulation • Overall Beldfoil + 90% TC Braid Shield • 24 AWG Stranded TC Drain Wire • Red FEP Jacket													
89841	1	Chart 5	.202	5.13	.025	.64	.014	.36					Plenum 300V 120 Ω Nom. Impedance 76% Velocity of Prop. Conductor DCR (Nom): 24.0 Ω /1000' (78.7 Ω/km)
89842	2	Chart 5	.305	7.75	.023	.58	.014	.36	12	39.4	22	72.2	

TC = Tinned Copper • FEP = Fluorinated Ethylene Propylene • PVC = Polyvinyl Chloride

Low-Capacitance Computer Cables for RS-232, RS-422, and RS-485 Applications

Overall Foil/Braid Shield • RS-232/485



• NEC: CL2

Part No.	Pairs	Color Code	OD (Nom)		Insulation Thickness		Jacket Thickness		Capacitance				Additional Features/Ratings
			Inch	mm	Inch	mm	Inch	mm	Cond. - Cond.		Cond. - Shield		
									pF/Ft	pF/m	pF/Ft	pF/m	

28 AWG • Datalene®/PVC

Stranded (7 x 36) TC Conductors • Datalene Insulation • Overall Beldfoil + 65% TC Braid Shield • 28 AWG Stranded TC Drain Wire • Chrome PVC Jacket													
8132	2	Chart 5	.220	5.59									
8133	3	Chart 5	.270	6.86									
8134	4	Chart 5	.290	7.37	.015	.38	.035	.89					
8135	5	Chart 5	.300	7.62									
8138	8	Chart 5	.330	8.38	.015	.38	.039	.99	11.0	36.1	20.0	65.6	UL AWM Style 2919 (30V, 80°C) 120 Ω Nom. Impedance 78% Velocity of Prop. Conductor DCR (Nom): 65.0 Ω /1000' (213.0 Ω/km)
8142	12.5	Chart 5	.375	9.53	.015	.38	.035	.89					
8148	18	Chart 5	.465	11.81	.015	.38	.045	1.14					
8155	25	Chart 5	.565	14.35	.015	.38	.044	1.12					

TC = Tinned Copper • PVC = Polyvinyl Chloride