




Specifications – CTL Cable

Description Part No. (length) Model	UL NEC/ C(UL) CEC UL AWM Temp.	No. of Cond.	Standard Lengths		Shipping Weights		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials (% coverage) Nom. DCR	Nominal OD		Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation			
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/ft	pF/m	MHz	dB/100 ft	dB/100 m	
Composite Cable: (2) 18 AWG Insulated Conductors • (2) 22 AWG Insulated Conductors with Shield																				
Nonplenum Cable • Gas Injected Foamed Polyolefin Insulation • PVC Inner Jackets • Gray PVC Outer Jacket																				
22-148-02 (500') 22-148-03 (1000') CTL 	NEC CL2 CM UL 1581 CSA FT-4 75 °C	2 insulated conductors	500	152.4	21	9.5	18 AWG (19/30) 0.048" 1.22 mm, Bare Cu 6.2 ohms/ 1k ft 20.3 ohms/ 1 km	0.065	1.65	Alum. Foil (100%) Tinned Cu Serve (95%) 12.2 ohms/ 1k ft, 40.0 ohms/ 1 km	Single: red, black									
		2 insulated conductors						22 AWG (7/30) 0.030" 0.76 mm, Bare Cu 14.7 ohms/ 1k ft 48.2 ohms/ 1 km	0.068	1.73	Alum./ Polyester Tape with 24 AWG Tinned Cu Drain Wire Under Tape (100%) 26 ohms/ 1k ft 85.3 ohms/ 1 km	Single: white, violet Shielded Pair: 0.140 3.56	90	78	17.3	56.8				
		Overall cable											Overall: 0.230 5.84 gray							
Plenum Cable • Gas-injected Foamed FEP Insulation • PVC and FEP Inner Jackets • Blue Flame-retardant PVC Outer Jacket																				
22-119-02 (500') 22-119-03 (1000') CTLP 	NEC CL2P CMP UL 910 CSA FT-6 60 °C	2 insulated conductors	500	152.4	22	9.9	18 AWG (19/30) 0.048" 1.22 mm, Bare Cu 6.2 ohms/ 1k ft 20.3 ohms/ 1 km	0.065	1.65	Alum. Foil (100%) Tinned Cu Serve (95%) 12.2 ohms/ 1k ft, 40.0 ohms/ 1 km	Single: red, black									
		2 insulated conductors						22 AWG (7/30) 0.030" 0.76 mm, Bare Cu 14.7 ohms/ 1k ft 48.2 ohms/ 1 km	0.068	1.73	Alum./ Polyester Tape with 24 AWG Tinned Cu Drain Wire Under Tape (100%) 26 ohms/ 1k ft 85.3 ohms/ 1 km	Single: white, violet Shielded Pair: 0.140 3.56	90	78	17.3	56.8				
		Overall cable										Alum. Foil and Tinned Cu Braid (85%)	Overall: 0.207 5.26 blue							
22-195-03 (1000') CTL24LC-2P 	NEC CMP UL 910 60 °C	2 shielded twisted pairs	1000	304.8	25	11.3	24 AWG (7/32) 0.024" 0.61 mm, Tinned Cu 24 ohms/ 1k ft, 79 ohms 1 km	0.050	1.3	Overall Cable: Alum./ Polyester Foil with 24 AWG Tinned Cu Drain Wire (100%) 15 ohms/ 1k ft, 49 ohms/ 1 km	Single: red, black, green, white Overall: 0.210 5.33 blue	24	68%	16	52	30	98	conductor-conductor, connected to shield		

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