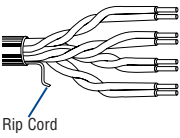


Data and Voice Cable

Enhanced Category 5e UTP Cables

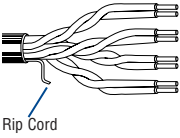
Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Nominal OD		Max. DCR (Ω / 100m)	Max. DCR Unbal. (%)	Max. Cap. Unbal. (pF/ 100m)	Freq. (MHz)	Max. Atten. (dB/ 100m)	Min. PSUM NEXT (dB)	Min. PSUM ACR (dB/ 100m)	Min. PSUM ELFEXT (dB/ 100m)	Input Imped. (Ω)	Min. RL (dB)				
				Ft.	m	Lbs.	kg	Inch	mm														
24 AWG Bonded-Pairs Solid Bare Copper Conductors • Rip Cord • See Color Code Chart (below)																							
Non-Plenum • Polyolefin Insulation • PVC Jacket (Red, Orange, White, Yellow, Green, Blue, Purple, or Gray)																							
 <p>Rip Cord</p>	1700R	NEC: CMR CEC: CMR FT4	4	U-1000	U-304.8	21.0	9.5	.204	5.18	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0				
				1000	304.8	22.0	10.0									4	4.0	56.3	52.3	48.7	100±12	23.0	
				3000*	914.4	63.0	28.6									8	5.7	51.8	46.1	42.7	100±12	24.5	
																	10	6.4	50.3	43.9	40.8	100±12	25.0
																	16	8.1	47.3	39.1	36.7	100±12	25.0
																	25	10.3	44.3	34.1	32.8	100±15	24.3
																	31.25	11.6	42.9	31.3	30.9	100±15	23.6
																	62.5	16.8	38.4	21.6	24.8	100±15	21.5
																	100	21.7	35.3	17.1	20.8	100±15	20.1
																	155	27.7	32.5	4.7	16.9	100±18	19.0
																	200	32.0	30.8	3.0	14.7	100±20	19.0
																	250	36.4	29.3	—	12.8	100±20	18.0
																	350	44.3	27.2	—	9.9	100±22	17.0

Tested to 350 MHz.

Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2, Category 5e • U.S. Patents 5,606,151 and 5,734,126

*3000 ft. put-up not available in Orange, Yellow nor Green.

Plenum • FEP Insulation • Flamarest® Jacket (Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Natural or Black)																							
 <p>Rip Cord</p>	1701A	NEC: CMP CEC: CMP FT6	4	U-1000	U-304.8	23.0	10.5	.193	4.90	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0				
				1000	304.8	24.0	10.9									4	4.0	56.3	52.3	48.7	100±12	23.0	
				3000*	914.4	69.0	31.3									8	5.7	51.8	46.1	42.7	100±12	24.5	
																	10	6.4	50.3	43.9	40.8	100±12	25.0
																	16	8.1	47.3	39.1	36.7	100±12	25.0
																	25	10.3	44.3	34.1	32.8	100±15	24.3
																	31.25	11.6	42.9	31.3	30.9	100±15	23.6
																	62.5	16.8	38.4	21.6	24.8	100±15	21.5
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																	200	32.0	30.8	3.0	14.7	100±20	19.0
																	250	36.4	29.3	—	12.8	100±20	18.0
																	350	44.3	27.2	—	9.9	100±22	17.0

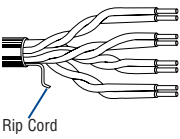
Tested to 350 MHz.

Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2, Category 5e • U.S. Patents 5,606,151 and 5,734,126

*3000 ft. put-up available in Blue or Natural only.

24 AWG Solid Bare Copper Conductors • Twisted Pairs • Rip Cord • See Color Code Chart (below)

Non-Plenum • Polyolefin Insulation • PVC Jacket (Available in Red, Orange, Yellow, Green, White, Blue or Gray)																							
 <p>Rip Cord</p>	1500R	NEC: CMR CEC: CMR FT4	4	1000	304.8	24.0	10.9	.194	4.93	9.0	3.0	66.0	1	2.0	65.3	63.3	60.8	100±12	20.0				
				A-1000	A-304.8	27.0	12.3									4	4.0	56.3	52.3	48.7	100±12	23.0	
																	8	5.7	51.8	46.1	42.7	100±12	24.5
																	10	6.4	50.3	43.9	40.8	100±12	25.0
																	16	8.1	47.3	39.1	36.7	100±12	25.0
																	25	10.3	44.3	34.1	32.8	100±15	24.3
																	31.25	11.6	42.9	31.3	30.9	100±15	23.6
																	62.5	16.8	38.4	21.6	24.8	100±15	21.5
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																	155	27.7	32.5	4.7	16.9	100±18	19.0
																	200	32.0	30.8	3.0	14.7	100±20	19.0
																	250	36.4	29.3	—	12.8	100±20	18.0
																	350	44.3	27.2	—	9.9	100±22	17.0

Tested to 350 MHz.

Jacket sequentially marked at 2 ft. intervals.

Third party verified to TIA/EIA-568-B.2, Category 5e

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • FEP = Fluorinated Ethylene-Propylene • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

For a complete selection of Belden® Data Cables, refer to the Commercial Networking: Copper section of this catalog.

Color Codes

Pair No.	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown