

DataTwist® 5e+ UTP Cable

TIA/EIA-568-B.2, Category 5e
Enhanced Category 5e Unbonded-Pair Cables



Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Insulation Thickness		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	Inch	mm										

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

Non-Plenum • Polyolefin Insulation • PVC Jacket (Available in Red, Orange, Yellow, Green, White, Blue or Dark Gray)

<p>Rip Cord</p>	1500A <small>new</small> NEC: CM CEC: CM FT1	4	1000	304.8	24.0	10.9	.008	.20	.200	5.08	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											
			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														

Jacket sequentially marked at 2 ft. intervals.
Third party verified to TIA/EIA-568-B.2, Category 5e

Plenum • FEP Teflon® Insulation • Flamarrest® Jacket (Available in Red, Orange, Yellow, Green, Gray, Blue or Natural)

<p>Rip Cord</p>	1501A <small>new</small> NEC: CMP CEC: CMP FT6	4	1000	304.8	26.0	11.8	.007	.18	.200	5.08	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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ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

Color Codes: DataTwist 5e+

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

Teflon is a DuPont trademark.

