

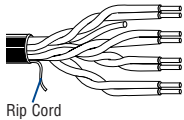
DataTwist® 6 UTP Cable

TIA/EIA-568-B.2-1, Category 6 Nonbonded-Pair 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										

23 AWG Solid Bare Copper Conductors • Twisted Pairs • Central Rod Filler • Rip Cord • See Color Code Chart (below)**Non-Plenum • Polyolefin Insulation • PVC Jacket** (Available in Red, Orange, Yellow, Green, Blue, Purple, Gray, White or Black)

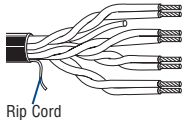
Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	1000 Ft.	304.8 m	30.0 Lbs.	13.6 kg	.221 Inch	5.69 mm	8.2	5.0	330	1	2.0	72.3	70.3	64.8	100±15	20.0		
7881A	NEC:	4	1000	304.8	30.0	13.6	.221	5.69	8.2	5.0	330	1	2.0	72.3	70.3	64.8	100±15	20.0		
	CMR		A-1000	A-304.8	33.0	15.0							10	6.0	57.3	51.3	44.8	100±15	25.0	
	CEC:												20	8.5	52.8	44.3	38.8	100±15	25.0	
	CMR												31.25	10.7	49.9	39.2	34.9	100±15	23.6	
														62.5	15.4	45.4	30.0	28.9	100±15	21.5
														100	19.8	42.3	22.5	24.8	100±15	20.1
														200	29.0	37.8	8.8	18.8	100±22	18.0
												250	32.8	36.3	3.5	16.8	100±32	17.3		



Jacket sequentially marked at 2 ft. intervals.
Features Descending Length Marking.
Third party verified to TIA/EIA-568-B.2-1, Category 6

Plenum • Dual FRPO/FEP Insulation • Flamarrest® Jacket (Avail. in Red, Orange, Yellow, Green, Blue, Purple, Gray, Natural or Black)

Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	1000 Ft.	304.8 m	29.0 Lbs.	13.2 kg	.224 Inch	5.69 mm	8.2	5.0	330	1	2.0	72.3	70.3	64.8	100±15	20.0		
7882A	NEC:	4	1000	304.8	29.0	13.2	.224	5.69	8.2	5.0	330	1	2.0	72.3	70.3	64.8	100±15	20.0		
	CMR		A-1000	A-304.8	32.0	14.5							10	6.0	57.3	51.3	44.8	100±15	25.0	
	CEC:												20	8.5	52.8	44.3	38.8	100±15	25.0	
	CMR												31.25	10.7	49.9	39.2	34.9	100±15	23.6	
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ACR = Attenuation Crosstalk Ratio • BC = Bare Copper • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • FEP = Fluorinated Ethylene Propylene • FRPO = Flame-retardant Polyolefin • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

For either T568-A or T568-B configurations.

Color Codes: DataTwist 6

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