

DataTwist® 6 UTP Cable

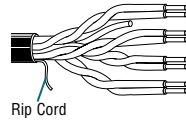
TIA/EIA-568-B.2-1, Category 6 Unbonded-Pair Cables



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										

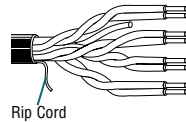
23 AWG Solid Bare Copper • Twisted Pairs • Central Rod Filler • Rip Cord • See Color Code Chart (below)

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

 <p>Rip Cord</p>	7881A <small>new</small>	NEC: CMR CEC: CMR FT4	4	1000 A-1000	304.8 A-304.8	32.0 34.0	14.5 15.4	.009	.23	.235	5.97	9.38	5.0	330	1 10 20 31.25 62.5 100 200 250	2.0 6.0 8.5 10.7 15.4 19.8 29.0 32.8	72.3 57.3 52.8 49.9 45.4 42.3 37.8 36.3	70.3 51.3 44.3 39.2 30.0 22.5 8.8 3.5	64.8 44.8 38.7 34.9 28.8 24.8 18.7 16.8	100±15 100±15 100±15 100±15 100±15 100±15 100±22 100±32	20.0 25.0 25.0 23.6 21.5 20.1 18.0 17.3
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Jacket sequentially marked at 2 ft. intervals.
Third party verified to TIA/EIA-568-B.2-1, Category 6

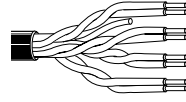
Plenum • FEP Teflon® Insulation • Flamarrest® Jacket (Available in Red, Orange, Yellow, Green, Blue, Gray, Natural or Black)

 <p>Rip Cord</p>	7882A <small>new</small>	NEC: CMP CEC: CMP FT6	4	1000 A-1000	304.8 A-304.8	33.0 35.0	15.0 15.9	.008	.20	.224	5.69	9.38	5.0	330	1 10 20 31.25 62.5 100 200 250	2.0 6.0 8.5 10.7 15.4 19.8 29.0 32.8	72.3 57.3 52.8 49.9 45.4 42.3 37.8 36.3	70.3 51.3 44.3 39.2 30.0 22.5 8.8 3.5	64.8 44.8 38.7 34.9 28.8 24.8 18.7 16.8	100±15 100±15 100±15 100±15 100±15 100±15 100±22 100±32	20.0 25.0 25.0 23.6 21.5 20.1 18.0 17.3
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Jacket sequentially marked at 2 ft. intervals.
Third party verified to TIA/EIA-568-B.2-1, Category 6

Patch Cables • 24 AWG Solid Bare Copper • Twisted Pairs • Central Slit-Film Filler • RJ-45 Compatible* • See Color Code Chart (below)*

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

 <p>Rip Cord</p>	7883A <small>new</small>	NEC: CM CEC: CM FT1	4	1000	304.8	24.0	10.9	.008	.20	.205	5.21	9.38	5.0	330	1 10 20 31.25 62.5 100 200 250	2.4 7.1 10.2 12.9 18.5 23.8 34.8 39.4	72.3 57.3 52.8 49.9 45.4 42.3 37.8 36.3	69.9 50.2 42.6 37.0 26.9 18.5 3.0 —	64.8 44.8 38.7 34.9 28.8 24.8 18.7 16.8	100±15 100±15 100±15 100±15 100±15 100±15 100±22 100±32	20.0 25.0 25.0 23.6 21.5 20.1 18.0 17.3
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Jacket sequentially marked at 2 ft. intervals.
Third party verified to TIA/EIA-568-B.2-1, Category 6

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)

*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

Color Codes: DataTwist 6 Patch

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

*Color rotation available for T568-A or T568-B wiring schemes.

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