

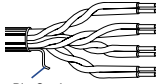
DataTwist® 5e U/UTP Cables

TIA/EIA-568-B.2, Category 5e,
Non-Bonded-Pair Cables

De-scription	Part No.	UL NEC / C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. (Ω)	Min. RL dB
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m		

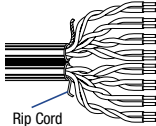
Cat 5e • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair

Plenum • FEP Teflon® Insulation • Flammarrest® Jacket (Red, Orange, Yellow, Green, Grey, White, Black, Pink, Natural and Blue)

 <p>Rip Cord</p>	1585A NEC: CMP CEC: CMP FT6	U-1000	U-305	23.1	10.5	0.51 mm	0.035	0.88	Non-Bonded-Pair Unshielded U/UTP	0.198	5.03	1	2.0	62.3	60.3	60.8	100 ± 15	20.0
		1000	305	24.0	10.9	24 AWG				4	4.1	53.3	49.2	48.7	100 ± 15	23.0		
		3000	915	69.2	31.4	Solid BC				10	6.5	47.3	40.8	40.8	100 ± 15	25.0		
										16	8.2	44.3	36.0	36.7	100 ± 15	25.0		
										31.25	11.7	39.9	28.2	30.9	100 ± 15	23.6		
										62.5	17.0	35.4	19.0	24.9	100 ± 15	21.5		
										100	22.0	32.3	10.3	20.8	100 ± 15	20.1		
							200	32.0	27.8	1.0	14.7	100 ± 25	15.0					

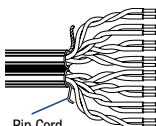
Color Code: see chart below
 915 m put-up available in Natural or Blue only.
 Third party verified to TIA/EIA-568-B.2, Category 5e
 Jacket sequentially marked at 0.6 m intervals.

Polyolefin Insulation • Grey PVC Jacket

 <p>Rip Cord</p>	1667E CSA FT1 UL CM UL ISDI (Vertical Tray)	B-328	B-100	12.3	5.6	0.51 mm	0.035	0.89	Non-Bonded-Pair Unshielded U/UTP	0.197	5.00	1	2.1	62.0	60.2	61.0	100 ± 15	20.0
		1000	305	37.5	17.0	24 AWG				x	x	4	4.0	53.0	49.3	49.0	100 ± 15	23.0
		1640	500	61.7	28.0	Solid BC				8	5.7	49.0	43.1	43.0	100 ± 15	24.5		
										10	6.3	47.0	41.0	41.0	100 ± 15	25.0		
										16	8.0	44.0	36.2	37.0	100 ± 15	25.0		
										20	9.0	43.0	33.8	35.0	100 ± 15	23.6		
										25	10.1	41.0	31.2	33.0	100 ± 15	24.3		
							31.25	11.4	40.0	28.5	31.0	100 ± 15	23.6					
							62.5	16.5	35.0	18.8	25.0	100 ± 15	21.5					
							100	21.3	32.0	11.0	41.0	100 ± 15	20.1					

Color Code: see chart below
 Applicable industry standards: EN 50173, ISO/IEC 11801, TIA/EIA 568-B2

Polyolefin Insulation • Grey FRNC/LSNH Jacket

 <p>Rip Cord</p>	1667ENH CSA FT1 UL CM UL ISDI (Vertical Tray)	B-328	B-100	12.3	5.6	0.51 mm	0.035	0.89	Non-Bonded-Pair Unshielded U/UTP	0.197	5.00								see above		
		1000	305	37.5	17.0	24 AWG				x	x										
		1640	500	61.7	28.0	Solid BC				0.413	10.50										
		3280	1000	123.5	56.0																

Color Code: see chart below
 Applicable industry standards: EN 50173, ISO/IEC 11801, TIA/EIA 568-B2
 Burning Energy: 621 kJ/m

BC = Bare Copper • ACR = Attenuation Crosstalk Ratio • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • DCR = DC resistance

Teflon® is a DuPont trademark.

Color Code

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