

DataTwist® 350 U/UTP Cables

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

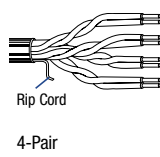
Certified System 1200

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 • Bonded-Pair • Solid 0.5 mm Bare Copper • Rip Cord

Polyolefin Insulation • PVC Jacket (Red, Orange, White, Black, Yellow, Green, Blue, Violet, Light Grey and Grey)

1700A	NEC: CM CEC: CM	U-1000 1000 1640 3000 3280	U-305 305 500 914 1000	22.0 22.0 36.2 63.1 72.3	10.0 10.0 16.4 28.6 32.8	0.51 mm 24 AWG Solid BC	0.038 0.97	0.97	Bonded-Pair Unshielded U/UTP	0.200 5.08	1 4 8 10 16 25 31.25 62.5 100 155 200 250 350	2.0 4.0 5.7 6.4 8.1 10.3 11.6 16.8 21.7 27.7 32.0 36.4 44.3	65.3 56.3 51.8 50.3 47.3 44.3 42.9 38.4 35.3 32.5 30.8 29.3 27.2	63.3 52.3 46.1 43.9 39.1 34.1 31.3 21.6 17.1 4.7 3.0 > 0 > 0	60.8 48.8 42.7 40.8 36.7 32.8 30.9 24.8 20.8 16.9 14.7 12.8 9.9	100 ± 12 100 ± 12 100 ± 12 100 ± 12 100 ± 12 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 18 100 ± 18 100 ± 20 100 ± 22	20.0 23.0 24.5 25.0 25.0 24.3 23.6 21.5 20.1 19.0 19.0 18.0 17.0
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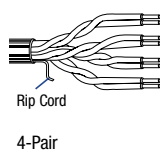


305 m put-up not available in Grey.
 914 m put-up available in Red, Blue,
 White or Light Grey only.
 500 m put-up available in Light Grey or Blue only.
 1000 m put-up available in Light Grey only.

Third party verified to TIA/EIA-568-B.2, Category 5e
 U.S. Patents 5,606,151 and 5,734,126
 Jacket sequentially marked at 0.6 m intervals. Features descending length marking.
 Color Code: see chart below

Polyolefin Insulation • PVC Jacket (Grey and Blue)

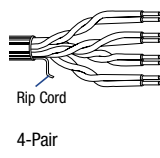
1700E	B-328 U-1000 1000 1640 3280	B-100 U-305 305 500 1000	6.1 18.7 18.7 30.9 61.7	2.8 8.5 8.5 14.0 28.0	0.51 mm 24 AWG Solid BC	0.038 0.97	0.97	Bonded-Pair Unshielded U/UTP	0.197 5.00
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Color Code: see chart below Applicable industry standards: EN 50173, ISO/IEC 11801, TIA/EIA 568-B2

Polyolefin Insulation • FRNC/LSNH Jacket (Grey and Blue)

1700ENH	60332-1 CSA FT1 UL CM UL ISDI (Vertical Tray)	B-328 U-1000 1640 3280	B-100 U-305 500 1000	6.1 18.7 30.9 61.7	2.8 8.5 14.0 28.0	0.51 mm 24 AWG Solid BC	0.038 0.97	0.97	Bonded-Pair Unshielded U/UTP	0.197 5.00	see above
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Color Code: see chart below Burning Energy: 298 kJ/m
 305 m and 1000 m put-up available in Grey only. Flame Test: IEC 60332-2, UL CM UL ISDI Vertical Tray, CAS FT1
 Applicable industry standards: EN 50173, ISO/IEC 11801, TIA/EIA 568-B2

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

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

**Get the Bonded-Pairs
 Cable Preparation Tool**

See page 15.37 for details.
 (Part No. 1797B)