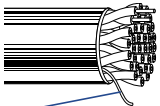


### DataTwist® 5 U/UTP Cables

TIA/EIA-568-A, Category 5,  
 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 5 • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair • Rip Cord**

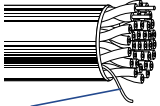
Polyolefin Insulation • PVC Jacket (Light Grey and Blue)																			
 Rip Cord	1864A	NEC: CMR CEC: CMR FT4	1000	305	144.2	65.4	0.51 mm 24 AWG Solid BC	0.041	1.03	Non-Bonded-Pair Unshielded U/UTP	0.526	13.36	1	2.0	62.3	-	-	100 ± 15	23.0
													10	6.5	47.3	-	-	100 ± 15	23.0
													16	8.2	44.3	-	-	100 ± 15	23.0
													31.25	11.7	39.9	-	-	100 ± 15	21.1
													62.5	17.1	35.4	-	-	100 ± 15	18.0
100	22.0	32.3	-	-	100 ± 15	16.0													

25-Pair

Color Code: see chart below

Third party verified to TIA/EIA-568-A, Category 5  
 Jacket sequentially marked at 0.6 m intervals.

**Plenum • FEP Teflon® Insulation • FEP Jacket (Blue Tint and White Tint)**

 Rip Cord	1871A	NEC: CMP CEC: CMP	1000	305	131.2	59.5	0.51 mm 24 AWG Solid BC	0.041	1.03	Non-Bonded-Pair Unshielded U/UTP	0.430	10.92	see above					
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25-Pair

Color Code: see chart below

Third party verified to TIA/EIA-568-A, Category 5  
 Jacket sequentially marked at 0.6 m intervals.

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 1864A**

Pair No.	Color
1	White & Blue
2	White & Orange
3	White & Green
4	White & Brown
5	White & Grey
6	Red & Blue
7	Red & Orange
8	Red & Green
9	Red & Brown
10	Red & Grey
11	Black & Blue
12	Black & Orange
13	Black & Green
14	Black & Brown
15	Black & Grey
16	Yellow & Blue
17	Yellow & Orange
18	Yellow & Green
19	Yellow & Brown
20	Yellow & Grey
21	Purple & Blue
22	Purple & Orange
23	Purple & Green
24	Purple & Brown
25	Purple & Grey

**Color Code 1871A**

Pair No.	Color
1	White/Blue Stripe, Blue
2	White/Orange Stripe, Orange
3	White/Green Stripe, Green
4	White/Brown Stripe, Brown
5	White/Grey Stripe, Grey
6	Red/Blue Stripe, Blue
7	Red/Orange Stripe, Orange
8	Red/Green Stripe, Green
9	Red/Brown Stripe, Brown
10	Red/Grey Stripe, Grey
11	Black/Blue Stripe, Blue
12	Black/Orange Stripe, Orange
13	Black/Green Stripe, Green
14	Black/Brown Stripe, Brown
15	Black/Grey Stripe, Grey
16	Yellow/Blue Stripe, Blue
17	Yellow/Orange Stripe, Orange
18	Yellow/Green Stripe, Green
19	Yellow/Brown Stripe, Brown
20	Yellow/Grey Stripe, Grey
21	Purple/Blue Stripe, Blue
22	Purple/Orange Stripe, Orange
23	Purple/Green Stripe, Green
24	Purple/Brown Stripe, Brown
25	Purple/Grey Stripe, Grey