

DataTwist® 3 U/UTP Cables

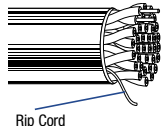
TIA/EIA-568-A, Category 3,
Non-Bonded-Pair Cables

De- scription	Part No.	No. of Pairs	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			ft.	m	lbs.	kg		inch	mm		inch	mm		pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m

Cat 3 • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair • Rip Cord

Polyolefin Insulation • Grey PVC Jacket

NEC: CMR CEC: CMR							0.51 mm 24 AWG Solid BC	0.035	0.90	Non- Bonded-Pair Unshielded U/UTP			100	70%	19.0	62.3	1	7.8	2.6
																	4	17.0	5.6
																	10	30.0	9.7
																	16	40.0	13.1

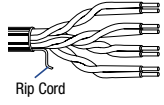


1227A1	2-Pair	U-1000	U-305	13.2	6.0							0.173	4.39						
1229A1	4-Pair	U-1000	U-305	22.0	10.0							0.197	5.00						
1232A1	25-Pair	† 1000	305	104.1	47.2							0.399	10.14						

Color Code: see chart below
Third party verified to TIA/EIA-568-A, Category 3 • Jacket sequentially marked at 0.6 m intervals.

Plenum • Low-Smoke PVC Insulation • White Low-Smoke PVC Jacket

NEC: CMP CEC: CMP							0.51mm 24 AWG Solid BC	0.038	0.96	Non- Bonded-Pair Unshielded U/UTP			100	61%	19.0	62.3			see above
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1243A2	2-Pair	U-1000	U-305	14.1	6.4							0.170	4.32						
1245A2	4-Pair	U-1000	U-305	22.9	10.4							0.200	5.08						

Color Code: see chart below
Third party verified to TIA/EIA-568-A, Category 3 • Jacket sequentially marked at 0.6 m intervals.

BC = Bare Copper • DCR = DC resistance
† 25-pair NEXT is Power Sum tested.

⊗ Not RoHS compliant at time of printing.

Color Code

Pair No.	Color
1	White/Blue Stripe & Blue/White Stripe
2	White/Orange Stripe & Orange/White Stripe
3	White/Green Stripe & Green/White Stripe
4	White/Brown Stripe & Brown/White Stripe
5	White/Grey Stripe & Grey/White Stripe
6	Red/Blue Stripe & Blue/Red Stripe
7	Red/Orange Stripe & Orange/Red Stripe
8	Red/Green Stripe & Green/Red Stripe
9	Red/Brown Stripe & Brown/Red Stripe
10	Red/Grey Stripe & Grey/Red Stripe

Color Code

Pair No.	Color
11	Black/Blue Stripe & Blue/Black Stripe
12	Black/Orange Stripe & Orange/Black Stripe
13	Black/Green Stripe & Green/Black Stripe
14	Black/Brown Stripe & Brown/Black Stripe
15	Black/Grey Stripe & Grey/Black Stripe
16	Yellow/Blue Stripe & Blue/Yellow Stripe
17	Yellow/Orange Stripe & Orange/Yellow Stripe
18	Yellow/Green Stripe & Green/Yellow Stripe
19	Yellow/Brown Stripe & Brown/Yellow Stripe
20	Yellow/Grey Stripe & Grey/Yellow Stripe
21	Purple/Blue Stripe & Blue/Purple Stripe
22	Purple/Orange Stripe & Orange/Purple Stripe
23	Purple/Green Stripe & Green/Purple Stripe
24	Purple/Brown Stripe & Brown/Purple Stripe
25	Purple/Grey Stripe & Grey/Purple Stripe