


### DataTwist® 350 Composite U/UTP Cables

ANSI/TIA/EIA-568-B.2, Category 5e,  
Banana Peel® Jacketless 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 • Bonded-Pair • Solid 0.5 mm Bare Copper • Rip Cord**

**Polyolefin Insulation • PVC Inner Jacket (Light Blue and Grey) • No Overall Jacket**

 24-Pair	<b>1700S6</b> NEC: CMR CEC: CMG	500	152	77.6	35.2	0.51 mm 24 AWG Solid BC	0.038 0.97	<b>Bonded-Pair</b> Unshielded U/UTP	0.204 5.18	1 2.0 10 16 31.25 62.5 100 200 250 350	2.0 6.4 8.1 11.6 16.8 21.7 32.0 36.4 44.3	65.3 50.3 47.3 42.9 38.4 35.3 30.8 29.3 27.2	63.3 43.9 39.1 31.3 21.6 17.1 3.0 > 0 -	60.8 40.8 36.7 30.9 24.9 20.8 14.7 12.8 9.9	100 ± 12 100 ± 12 100 ± 12 100 ± 15 100 ± 15 100 ± 15 100 ± 20 100 ± 20 100 ± 22	20.0 25.0 25.0 23.6 21.5 20.1 19.0 18.0 17.0
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24-Pair

1700R Bundled  
0.60/15.24

Color Code: see chart below

Individual leg is third party verified to ANSI/TIA/EIA 568-B.2, Category 5e  
U.S. Patents 5,606,151; 5,734,126; 7,049,523.

**Plenum • FEP Insulation • Flamarrest® Inner Jacket (Blue and Natural) • No Overall Jacket**

 24-Pair	<b>1701S6</b> NEC: CMP CEC: CMP	500	152	81.6	37.0	0.51 mm 24 AWG Solid BC	0.036 0.91	<b>Bonded-Pair</b> Unshielded U/UTP	0.195 4.95	see above
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24-Pair

1700R Bundled  
0.60/15.24

Color Code: see chart below

Individual leg is third party verified to ANSI/TIA/EIA 568-B.2, Category 5e  
U.S. Patents 5,606,151; 5,734,126; 7,049,523.

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