

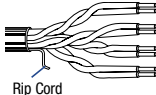
### DataTwist® 350 U/UTP Cables

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. ( )	Min. RL dB
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m		

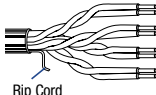
**Cat 5e • 24 AWG • Bonded-Pair • Solid 0.5 mm Bare Copper • Rip Cord**

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

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

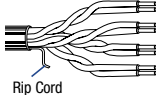
**Polyolefin Insulation • PVC Jacket (Grey and Blue)**

 <p>Rip Cord</p> <p>4-Pair</p>	1700E	B-328	B-100	6.1	2.8	0.51 mm	0.038	0.97	Bonded-Pair Unshielded U/UTP	0.197	5.00							
		U-1000	U-305	18.7	8.5	24 AWG												
		1000	305	18.7	8.5	Solid BC												
		1640	500	30.9	14.0													
		3280	1000	61.7	28.0													

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)**

 <p>Rip Cord</p> <p>4-Pair</p>	1700ENH	60332-1	B-328	B-100	6.1	2.8	0.51 mm	0.038	0.97	Bonded-Pair Unshielded U/UTP	0.197	5.00	see above						
		CSA FT1	U-1000	U-305	18.7	8.5	24 AWG												
		UL CM	1640	500	30.9	14.0	Solid BC												
		UL ISDI (Vertical Tray)	3280	1000	61.7	28.0													

Color Code: see chart below

305 m and 1000 m put-up available in Grey only.

Burning Energy: 298 kJ/m  
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)

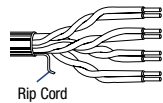
**GigaFlex 1200 Cables Series**

ANSI/TIA/EIA-568-B.2, Category 5e,

Enhanced Category 5e Non-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. ( )	Min. RL dB		
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m				
<b>Cat 5e • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair • Rip Cord</b>																					
<b>Polyolefin Insulation • PVC Jacket</b>																					
White, Box	24570166	NEC:	1000	305	24.0	10.9	0.51 mm	0.035	0.89	Non- Bonded-Pair Unshielded U/UTP	0.186	4.72	0.772	1.8	69.0	67.3	63.0	100 ± 15	-		
Blue, Box	24570161	CMR					24 AWG								1	2.0	67.3	65.3	60.8	100 ± 15	20.0
White, Reel	24570460	CEC:					Solid BC								4	4.0	58.3	54.3	48.7	100 ± 15	23.0
Blue, Reel	24570452	CMR													8	5.7	53.8	48.1	42.7	100 ± 15	24.5
															10	6.3	52.3	46.0	40.8	100 ± 15	25.0
															16	8.1	49.3	41.2	36.7	100 ± 15	25.0
															20	9.1	47.8	38.7	34.7	100 ± 15	25.0
															25	10.2	46.3	36.1	32.8	100 ± 15	24.3
															31.25	11.5	44.9	33.4	30.9	100 ± 15	23.6
															62.5	16.7	40.4	23.7	24.8	100 ± 15	21.5
															100	21.6	37.3	15.7	20.8	100 ± 15	20.1
															200*	31.9	32.8	0.9	14.7	100 ± 22	18.0
															250*	36.3	31.3	- 4.9	12.8	100 ± 22	17.3
															300*	40.3	30.2	- 10.2	11.2	100 ± 22	16.8
														350*	44.2	29.2	- 15.0	9.9	100 ± 22	16.3	

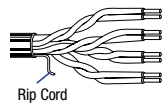


Color Code: see chart below

Third party verified to TIA/EIA-568-B.2, Category 5e

Jacket sequentially marked at 0.6 m intervals. Features descending length marking.

<b>Polyolefin Insulation • FRNC / LSNH Polymer Alloy</b>																					
Violet, Box	24570157	NEC:	1000	305	24.9	11.3	0.51 mm	0.035	0.89	Non- Bonded-Pair Unshielded U/UTP	0.198	5.03								see above	
White, Box	24598301	CMR	1000	305	24.9	11.3	24 AWG														
White, Reel	24598331	CEC:	1640	500	40.8	18.5	Solid BC														



Rip Cord

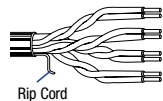
4-Pair

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2, Category 5e

Jacket sequentially marked at 0.6 m intervals. Features descending length marking.

<b>Plenum • Polyolefin / FEP Insulation • Low-Smoke PVC Jacket</b>																					
White, Box	24570810	NEC:	1000	305	22.0	9.98	0.51 mm	0.035	0.90	Non- Bonded-Pair Unshielded U/UTP	0.188	4.78								see above	
Blue, Box	24570800	CMP					24 AWG														
White, Reel	24570808	CEC:					Solid BC														
Blue, Reel	24570812	CMP																			



Rip Cord

4-Pair

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2, Category 5e

Jacket sequentially marked at 0.6 m intervals. Features descending length marking.

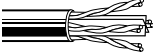
BC = Bare Copper • ACR = Attenuation Crosstalk Ratio • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • DCR = DC resistance

\* Values provided for information only.

**Color Code**

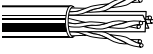
Pair No.	Color
1	White/Blue Stripe, Blue
2	White/Orange Stripe, Orange
3	White/Green Stripe, Green
4	White/Brown Stripe, Brown

**DataTwist® 6 U/UTP Cables**TIA/EIA-568-B.2, Category 6,  
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. ( )	Min. RL dB
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m		
<b>Cat 6 • 23 AWG • Unbonded-Pair • Solid 0.6 mm Bare Copper • Twisted Pair</b>																			
<b>Polyolefin Insulation • PVC Jacket (Grey and Blue)</b>																			
	7965E		B-328	B-100	9.5	4.3	0.57 mm 23 AWG Solid BC	0.040	1.01	Non- Bonded-Pair Unshielded U/UTP	0.244	6.20	1	2.1	72.0	70.2	65.0	100 ± 15	20.0
			U-1000	U-305	28.9	13.1							4	3.8	63.0	59.4	53.0	100 ± 15	23.0
			1000	305	28.9	13.1							10	6.0	57.0	51.3	45.0	100 ± 15	25.0
			1640	500	47.4	21.5							16	7.6	54.0	46.6	41.0	100 ± 15	25.0
			3280	1000	94.8	43.0							20	8.5	53.0	44.3	39.0	100 ± 15	25.0
													25	9.6	51.0	41.8	37.0	100 ± 15	24.3
													31.25	10.7	50.0	39.1	35.0	100 ± 15	23.6
													62.5	15.5	45.0	29.9	29.0	100 ± 15	21.5
													100	19.9	42.0	22.4	25.0	100 ± 15	20.1
													155	25.3	39.0	14.1	21.0	100 ± 22	18.8
				200	29.1	38.0	8.6	19.0	100 ± 22	18.0									
				250	33.0	36.0	3.3	17.0	100 ± 22	17.3									

Color Code: see chart below  
305 m, 500 m and 1000 m put-up available in Blue only.

Applicable industry standards: EN 50173, ISO/IEC 11801, TIA/EIA 568-B2

<b>Polyolefin Insulation • FRNC/LSNH Jacket (Grey or Blue)</b>																			
	7965ENH		B-328	B-100	9.5	4.3	0.57 mm 23 AWG Solid BC	0.040	1.01	Non- Bonded-Pair Unshielded U/UTP	0.244	6.20	see above						
			1000	305	28.9	13.1													
			1640	500	47.4	21.5													
			3280	1000	94.8	43.0													
4-Pair	Color Code: see chart below										Applicable industry standards: EN 50173, ISO/IEC 11801, TIA/EIA 568-B2 Burning Energy: 478 kJ/m								

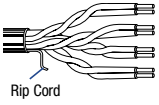
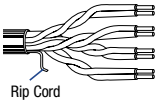
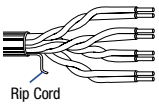
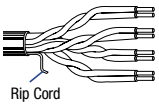
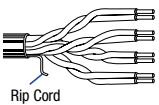
BC = Bare Copper • ACR = Attenuation Crosstalk Ratio • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • DCR = DC resistance

**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

### DataTwist® 5e U/UTP Cables

ANSI/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. ( )	Min. RL dB							
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m									
<b>Cat 5e • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair</b>																										
<b>Polyolefin Insulation • PVC Jacket</b> (White, Black, Grey, Blue, Red, Orange, Yellow, Green and Pink)																										
	<b>1583A</b>	NEC:	U-1000	U-305	20.9	9.5	0.51 mm 24 AWG Solid BC	0.037	0.93	Non- Bonded-Pair Unshielded U/UTP	0.195	4.95	1	2.0	62.3	60.3	60.8	100 ± 15	20.0							
		CM	1000	305	20.9	9.5									4	4.1	53.3	49.2	48.7	100 ± 15	23.0					
		CEC:	1640	500	34.6	15.7									10	6.5	47.3	40.8	40.8	100 ± 15	25.0					
		CM	3000	914	63.1	28.6									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														
4-Pair	Color Code: see chart below							Third party verified to TIA/EIA-568-B.2, Category 5e Jacket sequentially marked at 0.6 m intervals.																		
500 m put-up available in Dark Grey or Blue only.																										
914 m put-up available in Dark Grey, White or Blue only.																										
<b>Polyolefin Insulation • PVC Jacket</b> (Grey and Blue)																										
	<b>1583E</b>	B-328	B-100	6.1	2.8	0.51 mm 24 AWG Solid BC	0.037	0.93	Non- Bonded-Pair Unshielded U/UTP	0.197	5.00	see above														
		U-1000	U-305	18.7	8.5																					
		1000	305	18.7	8.5																					
		1640	500	30.9	14.0																					
		3280	1000	61.7	28.0																					
4-Pair	Color Code: see chart below							Applicable industry standards: EN 50173, ISO/IEC 11801, TIA/EIA 568-B2																		
500 m put-up available in Grey only.																										
<b>Polyolefin Insulation • FRNC/LSNH Jacket</b> (Grey and Blue)																										
	<b>1583ENH</b>	CSA FT1	B-328	B-100	6.1	2.8	0.51 mm 24 AWG Solid BC	0.037	0.93	Non- Bonded-Pair Unshielded U/UTP	0.197	5.00	see above													
		UL CM	U-1000	U-305	18.7	8.5																				
		UL ISDI	1000	305	18.7	8.5																				
		(Vertical Tray)	1640	500	30.9	14.0																				
			3280	1000	61.7	28.0																				
4-Pair	Color Code: see chart below							Applicable industry standards: EN 50173, ISO/IEC 11801, TIA/EIA 568-B2 Burning Energy: 310 kJ/m																		
1000 m put-up available in Grey only.																										
<b>Polyolefin Insulation • UV Resistant PVC Jacket</b> (Grey, White and Ivory)																										
	<b>1594A</b>	NEC:	U-1000	U-305	26.0	11.8	0.51 mm 24 AWG Solid BC	0.034	0.87	Non- Bonded-Pair Unshielded U/UTP	0.220	5.58	see above													
		CMR/CMX																								
		CEC:																								
		CMR/CMX																								
4-Pair	Color Code: see chart below							Third party verified to TIA/EIA-568-B.2, Category 5e Jacket sequentially marked at 0.6 m intervals.																		
<b>Outside Plant • Polyolefin Insulation • Black Gel-Filled Polyethylene Jacket</b>																										
	<b>7997A</b>		U-1000	U-305	37.9	17.2	0.51 mm 24 AWG Solid BC	0.041	1.04	Non- Bonded-Pair Unshielded U/UTP	0.251	6.38	1	2.0	68.3	66.3	64.8	100 ± 15	20.0							
																			4	4.0	59.3	55.3	52.8	100 ± 15	23.0	
																				10	6.4	53.3	46.9	44.8	100 ± 15	25.0
																				16	8.1	50.2	42.1	40.7	100 ± 15	25.0
																				31.25	11.4	45.9	34.5	34.9	100 ± 15	23.6
																				62.5	16.4	41.4	25.0	28.9	100 ± 15	21.5
																				100	21.0	38.3	17.3	24.8	100 ± 15	20.1
																				200	30.5	33.8	3.3	18.8	100 ± 22	18.0
4-Pair	Color Code: see chart below							Third party verified to TIA/EIA-568-B.2, Category 5e 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

#### 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

### DataTwist® 5e U/UTP Cables

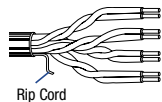
TIA/EIA-568-B.2, Category 5e,  
Non-Bonded-Pair Cables

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. ( )	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)

<b>1585A</b> 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 4 10 16 31.25 62.5 100 200	2.0 4.1 6.5 8.2 11.7 17.0 22.0 32.0	62.3 53.3 47.3 44.3 39.9 35.4 32.3 27.8	60.3 49.2 40.8 36.0 28.2 19.0 10.3 1.0	60.8 48.7 40.8 36.7 30.9 24.9 20.8 14.7	100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 25	20.0 23.0 25.0 25.0 23.6 21.5 20.1 15.0
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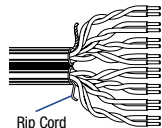
Rip Cord

4-Pair

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**

<b>1667E</b> 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 0.413 10.50	1 4 8 10 16 20 25 31.25 62.5 100	2.1 4.0 5.7 6.3 8.0 9.0 10.1 11.4 16.5 21.3	62.0 53.0 49.0 47.0 44.0 43.0 41.0 40.0 35.0 31.0 28.5 18.8 11.0	61.0 49.0 43.0 41.0 37.0 35.0 33.0 31.0 25.0 41.0	100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15	20.0 23.0 24.5 25.0 25.0 23.6 24.3 23.6 21.5 20.1
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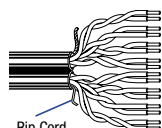
Rip Cord

8-Pair, Twin

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

**Polyolefin Insulation • Grey FRNC/LSNH Jacket**

<b>1667ENH</b> 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 0.413 10.50	1 4 8 10 16 20 25 31.25 62.5 100	2.1 4.0 5.7 6.3 8.0 9.0 10.1 11.4 16.5 21.3	62.0 53.0 49.0 47.0 44.0 43.0 41.0 40.0 35.0 31.0 28.5 18.8 11.0	61.0 49.0 43.0 41.0 37.0 35.0 33.0 31.0 25.0 41.0	100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15 100 ± 15	20.0 23.0 24.5 25.0 25.0 23.6 24.3 23.6 21.5 20.1
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Rip Cord

8-Pair, Twin

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.

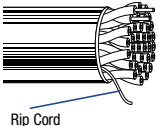
**Color Code**

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

**IBDN Plus 25-Pair Cat5e U/UTP Cables**

TIA/EIA-568-B.2, Category 5e,

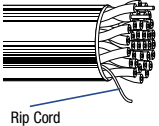
Enhanced Category 5e, Non-Bonded-Pair Cables

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. ( )	Min. RL dB
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m		
<b>Cat 5e • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair • Rip Cord</b>																			
<b>Polyolefin Insulation • Grey PVC Jacket</b>																			
Grey, Reel	<b>24576125</b>	NEC: CMP CEC: CMR	1000	305	119.0	54.0	0.51 mm 24 AWG Solid BC	0.041	1.03	Non- Bonded-Pair Unshielded U/UTP	0.490	12.45	0.772	1.8	64.0	63.0	-	100 ± 15	19.4
 <p>Rip Cord</p>													1	2.0	62.3	63.8	-	100 ± 15	20.0
													4	4.1	53.3	48.8	-	100 ± 15	23.0
													8	15.8	48.8	42.7	-	100 ± 15	24.5
													10	16.5	47.3	40.8	-	100 ± 15	25.0
													16	8.2	44.2	36.7	-	100 ± 15	25.0
													20	9.3	42.8	34.8	-	100 ± 15	25.0
													25	10.4	41.3	32.8	-	100 ± 15	24.3
													31.25	11.7	39.9	30.9	-	100 ± 15	23.6
													62.5	17.0	35.4	24.9	-	100 ± 15	21.5
													100	22.0	32.3	20.8	-	100 ± 15	20.1

25-Pair

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2, Category 5e  
Jacket sequentially market at 0.6 m intervals.

<b>Polyolefin Insulation • Grey FRNC/LSNH Jacket</b>																				
Grey, Reel	<b>24577125</b>	NEC: CMP CEC: CMP	1000	305	127.0	57.6	0.51 mm 24 AWG Solid BC	0.041	1.03	Non- Bonded-Pair Unshielded U/UTP	0.429	10.90								see above
 <p>Rip Cord</p>																				

25-Pair

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2, Category 5e  
Jacket sequentially market 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

**Color Code**

Pair No.	Tip	Ring	Pair No.	Tip	Ring
1	White	Blue	16	Yellow	Blue
2	White	Orange	27	Yellow	Orange
3	White	Green	38	Yellow	Green
4	White	Brown	49	Yellow	Brown
5	White	Slate	20	Yellow	Slate
6	Red	Blue	21	Violet	Blue
7	Red	Orange	22	Violet	Orange
8	Red	Green	23	Violet	Green
9	Red	Brown	24	Violet	Brown
10	Red	Slate	25	Violet	Slate
11	Black	Blue			
12	Black	Orange			
13	Black	Green			
14	Black	Brown			
15	Black	Slate			

### 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. ( )	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	0.038	0.97	<b>Bonded-Pair</b> Unshielded U/UTP	0.204	5.18	1	2.0	65.3	63.3	60.8	100 ± 12	20.0
		1000	305	149.1	67.7	24 AWG						10	6.4	50.3	43.9	40.8	100 ± 12	25.0
						Solid BC						16	8.1	47.3	39.1	36.7	100 ± 12	25.0
												31.25	11.6	42.9	31.3	30.9	100 ± 15	23.6
												62.5	16.8	38.4	21.6	24.9	100 ± 15	21.5
												100	21.7	35.3	17.1	20.8	100 ± 15	20.1
												200	32.0	30.8	3.0	14.7	100 ± 20	19.0
												250	36.4	29.3	> 0	12.8	100 ± 20	18.0
							350	44.3	27.2	-	9.9	100 ± 22	17.0					


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	0.036	0.91	<b>Bonded-Pair</b> Unshielded U/UTP	0.195	4.95								see above			
		1000	305	157.1	71.3	24 AWG																
						Solid BC																

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