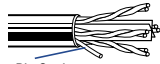


**DataTwist® 600e U/UTP Cables**TIA/EIA-568-B.2-1, Category 6,  
Enhanced Category 6 Bonded-Pair Cables**Certified System 4800LX**

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 6 • 23 AWG • Bonded-Pair • Solid 0.6 mm Bare Copper • Patented E-Spline Center Member • Rip Cord****Polyolefin Insulation • PVC Jacket** (Red, Orange, Yellow, Green, Blue, Black, White and Grey)

7851A	NEC: CMR CEC: CMR	1000		305		37.9		17.2		0.57 mm 23 AWG Solid BC	0.044	1.13	Bonded-Pair		0.227	5.77	1	1.9	Min. PSUM			100 ± 12	20.0
		A-1000	A-305	47.0	21.3	Unshielded	x	x	80.3				78.5	70.8					100 ± 12	25.0			
														U/UTP	0.315	8.00	31.25	10.2	57.9	47.7	40.9	100 ± 15	25.0
																	62.5	14.7	53.4	38.7	34.9	100 ± 15	25.0
																	100	18.9	50.3	31.4	30.8	100 ± 15	25.0
																	155	23.9	47.5	23.5	27.0	100 ± 15	22.8
																	200	27.5	45.8	18.3	24.8	100 ± 15	21.7
																	250	31.2	44.3	13.2	22.8	100 ± 20	20.5
																	350	37.7	40.2	4.5	19.9	100 ± 22	19.8
																	400	40.6	39.3	0.6	18.8	100 ± 22	19.5
																	500	46.2	37.8	> 0*	16.8	100 ± 22	18.4
																	550	48.8	37.2	-	16.0	100 ± 22	18.0
																	600	51.4	36.6	-	15.2	100 ± 22	17.6



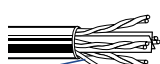
Rip Cord

4-Pair

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2-1, Category 6  
U.S. Patents 5,606,151; 5,734,126; 5,789,711 and 6,297,454-B1  
Jacket sequentially marked at 0.6 m intervals. Features descending length marking.**Polyolefin Insulation • Grey Haloarrest® Jacket**

7851NH	NEC: CMR CEC: CMR	1000		305		39.0		17.7		0.57 mm 23 AWG Solid BC	0.044	1.13	Bonded-Pair		0.241	6.12	1	1.9	Min. PSUM			100 ± 12	20.0
		A-1000	A-305	48.1	21.8	Unshielded	x	x	80.3				78.5	70.8									
														U/UTP	0.329	8.36	31.25	10.2	57.9	47.7	40.9	100 ± 15	25.0



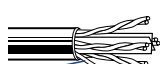
Rip Cord

4-Pair

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2-1, Category 6  
U.S. Patents 5,606,151; 5,734,126; 5,789,711 and 6,297,454-B1  
Jacket sequentially marked at 1 m intervals. Features descending length marking.**Plenum • FEP Teflon® Insulation • Flamarrrest® Jacket** (Red, Orange, Yellow, Green, Blue, Black, White and Grey)

7852A	NEC: CMP CEC: CMP	1000		305		39.9		18.1		0.57 mm 23 AWG Solid BC	0.043	1.08	Bonded-Pair		0.218	5.54	1	1.9	Min. PSUM			100 ± 12	20.0
		A-1000	A-305	48.9	22.2	Unshielded	x	x	80.3				78.5	70.8									
														U/UTP	0.290	7.37	31.25	10.2	57.9	47.7	40.9	100 ± 15	25.0



Rip Cord

4-Pair

Color Code: see chart below  
A-305 m put-up not available in Red.Third party verified to TIA/EIA-568-B.2-1, Category 6  
U.S. Patents 5,606,151; 5,734,126; 5,789,711 and 6,297,454-B1  
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  
\* PSUM ACR > 0 is guaranteed to 460 MHz.

Teflon® is a DuPont trademark.

Not RoHS compliant at time of printing.

**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 600e: Beyond Category 6**

Belden DataTwist 600e data cable is a revolutionary UTP cable engineered specifically to perform well beyond Category 6 standards. While Category 6 cable is specified only to 250 MHz, DataTwist 600e is the only Cat 6 UTP cable in the industry fully characterized with guaranteed performance to 600 MHz. So users have far more headroom to compensate for unforeseen factors that can inhibit the performance of a cabling system today...and protection of their technology investment for the future.

**Handy Cable Preparation Tool Speeds Installation of Bonded-Pair Cables**

You know the high-performance benefits of using data cables featuring Belden's unique Bonded-Pair technology. The Belden cable preparation tool (1797B) now makes it faster and easier than ever to prepare cables for connector termination providing special features that help separate twisted pairs. The cable preparation tool is packed with every spool of DataTwist® 600e. See page 15.37 for more information.



**GigaFlex 4800LX Cables Series**  
ANSI/TIA/EIA-568-B.2-1, Category 6,  
Enhanced Category 6 Non-Bonded-Pair Cables

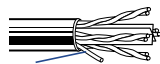
**Certified System 4800LX**

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 6 • 23 AWG • Solid 0.6 mm Bare Copper • Twisted Pair • Central Cross Web Filler • Rip Cord**

**Polyolefin Insulation • PVC Jacket**

White-Reel	<b>24586385</b>	NEC:	1000	305	29.1	13.2	0.57 mm	0.044	1.11	Non-Bonded-Pair Unshielded U/UTP	0.245	6.22	0.772	1.7	80.0	78.3	74.0	100 ± 12	-		
Blue-Reel	<b>24586985</b>	CMR					23 AWG								1	1.8	78.3	76.5	71.8	100 ± 12	20.0
		CEC:					Solid BC								4	3.4	69.3	65.9	59.7	100 ± 12	23.0
		CMR													8	4.8	64.8	60.0	53.7	100 ± 12	25.0
															10	5.3	63.3	58.0	51.8	100 ± 12	25.0
															16	6.8	60.3	53.5	47.7	100 ± 12	25.0
															20	7.6	58.8	51.2	45.7	100 ± 12	25.0
															25	8.5	57.3	48.8	43.8	100 ± 15	24.6
															31.25	9.6	55.9	46.3	41.9	100 ± 15	24.2
															62.5	13.8	51.4	37.6	35.8	100 ± 15	23.0
															100	17.8	48.3	30.5	31.8	100 ± 15	22.1
															200	26.2	43.8	17.6	25.7	100 ± 15	20.9
															250	29.7	42.3	12.6	23.8	100 ± 20	20.5
															300	33.0	41.2	8.2	22.2	100 ± 20	20.2
														350	36.1	40.2	4.1	20.9	100 ± 22	19.9	
														400	39.0	39.3	0.3	19.7	100 ± 22	19.7	
														450*	41.8	38.5	-3.3	18.7	100 ± 22	19.5	
														500*	44.5	37.8	-6.7	17.8	100 ± 22	19.3	
														550*	47.1	37.2	-9.9	16.9	100 ± 22	19.1	



Rip Cord

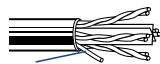
4-Pair

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2-1, Category 6  
Jacket sequentially marked at 0.6 m intervals. Features descending length marking.

**Polyolefin Insulation • FRNC/LSNH Polymer Alloy**

Violet-Reel	<b>24588085</b>	NEC:	1000	305	31.1	14.1	0.57 mm	0.044	1.11	Non-Bonded-Pair Unshielded U/UTP	0.240	6.10								see above	
		CMR					23 AWG														
		CEC:					Solid BC														



Rip Cord

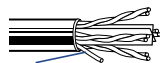
4-Pair

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2-1, Category 6  
Jacket sequentially marked at 0.6 m intervals. Features descending length marking.

**Plenum • FEP Insulation • FRNC/LSNH Polymer Alloy**

White-Reel	<b>24587385</b>	NEC:	1000	305	30.6	13.9	0.57 mm	0.043	1.10	Non-Bonded-Pair Unshielded U/UTP	0.229	5.81								see above	
Blue-Reel	<b>24587985</b>	CMP					23 AWG														
		CEC:					Solid BC														



Rip Cord

4-Pair

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2-1, Category 6  
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**

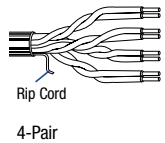
Pair No.	Color
1	White/Blue Stripe, Blue
2	White/Orange Stripe, Orange
3	White/Green Stripe, Green
4	White/Brown Stripe, Brown

### GigaFlex 2400 Cables Series

ANSI/TIA/EIA-568-B.2-1, Category 6,  
Enhanced Category 6 Non-Bonded-Pair Cables

**Certified System 2400**

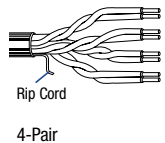
De-scription	Part No.	UL NEC / C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. ( )	Min. RL dB	
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m			
<b>Cat 6 • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair • Rip Cord</b>																				
<b>Polyolefin Insulation • PVC Jacket</b>																				
White †	24566315	NEC:	1000	305	26.0	11.8	0.51 mm	0.042	1.06	Non-Bonded-Pair Unshielded U/UTP	0.214	5.44	0.772	1.8	75.0	73.2	70.0	100 ± 15	19.7	
Blue †	24566915	CMR					24 AWG							1	2.0	73.3	71.3	67.8	100 ± 15	20.0
White	24566345	CEC:					Solid BC							4	3.7	64.3	60.6	55.8	100 ± 15	23.0
Blue	24566945	CMR												8	5.2	59.8	54.6	49.7	100 ± 15	24.5
														10	5.8	58.3	52.5	47.8	100 ± 15	25.0
														16	7.4	55.2	47.9	43.7	100 ± 15	25.0
														20	8.3	53.8	45.5	41.8	100 ± 15	25.0
														25	9.3	52.3	43.1	39.8	100 ± 15	24.3
														31.25	10.4	50.9	40.5	37.9	100 ± 15	23.6
														62.5	15.0	46.4	31.4	31.9	100 ± 15	21.5
														100	19.3	43.3	24.0	27.8	100 ± 15	20.1
														200	28.3	38.8	10.5	21.8	100 ± 15	18.0
														250	32.1	37.3	5.3	19.8	100 ± 32	17.3
														300*	35.6	36.1	0.5	18.3	100 ± 32	16.8
														350*	38.9	35.1	-3.7	16.9	100 ± 32	16.3
														400*	42.0	34.3	-7.7	15.8	100 ± 32	15.9
													450*	45.0	33.5	-11.5	14.7	100 ± 32	15.5	



Color Code: see chart below

Third party verified to TIA/EIA-568-B.2-1, Category 6  
Jacket sequentially marked at 0.6 m intervals. Features descending length marking.

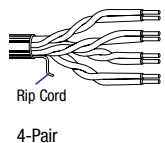
<b>Polyolefin Insulation • FRNC/LSNH Polymer Alloy</b>																					
Violet-Reel	24568005	NEC:	1000	305	28.0	12.7	0.51 mm	0.043	1.08	Non-Bonded-Pair Unshielded U/UTP	0.214	5.44								see above	
Violet-Box	24568015	CMR	1000	305	28.0	12.7	24 AWG														
White-Box	24568315	CEC:	1000	305	28.0	12.7	Solid BC														
White-Reel	24568331	CMR	1640	500	45.9	20.8															



Color Code: see chart below

Third party verified to TIA/EIA-568-B.2-1, Category 6  
Jacket sequentially marked at 0.6 m intervals. Features descending length marking.

<b>Plenum • FEP Insulation • Low-Smoke PVC Jacket</b>																					
White †	24567315	NEC:	1000	305	24.0	10.9	0.51 mm	0.042	1.06	Non-Bonded-Pair Unshielded U/UTP	0.210	5.33								see above	
Blue †	24567915	CMR					24 AWG														
White	24567345	CEC:					Solid BC														
Blue	24567945	CMR																			



Color Code: see chart below

Third party verified to TIA/EIA-568-B.2-1, Category 6  
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.  
† Reel-in-Box

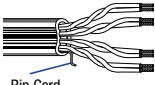
#### Color Code

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

**MediaTwist® U/UTP Cables**

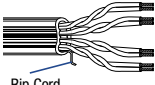
TIA/EIA-568-B.2-1, Category 6,  
Enhanced Category 6 Bonded-Pair Cables

**Certified System 2400**

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 • Solid 0.6 mm Bare Copper • Rip Cord</b>																													
<b>Polyolefin Insulation • PVC Jacket</b> (Blue, Red, Yellow, Orange, Green, Gold, Violet, White, Black and Grey)																													
 Rip Cord  4-Pair	<b>1872A</b>	NEC:	1000	305	37.0	16.8	0.57 mm 23 AWG Solid BC	0.042	1.06	<b>Bonded-Pair</b>	0.365	9.27	1	1.9	72.3	70.0	64.8	100 ± 12	20.0										
		CMR	A-1000	A-305	37.0	16.8														Unshielded	x	x	4	3.7	63.3	59.0	52.8	100 ± 12	23.0
		CEC:																		U/UTP	0.165	4.19	8	5.3	58.8	53.0	46.7	100 ± 12	24.5
		CMR																					10	5.9	57.3	51.0	44.8	100 ± 12	25.0
																							16	7.5	54.3	46.0	40.7	100 ± 12	25.0
																							25	9.5	51.4	42.0	36.8	100 ± 15	24.3
																							31.25	10.6	49.9	39.0	34.9	100 ± 15	23.6
																							62.5	15.4	45.4	30.0	28.9	100 ± 15	21.5
																							100	19.8	42.3	25.0	24.8	100 ± 15	21.0
																							155	25.1	39.5	14.0	20.9	100 ± 15	21.0
																							200	29.0	37.8	10.0	18.8	100 ± 15	21.0
																							250	32.8	36.3	3.0	16.8	100 ± 20	18.0
								300	35.2	35.2	> 0	15.2	100 ± 20	18.0															
								350	39.8	34.2	-	13.9	100 ± 22	17.0															
								400*	43.0	-	-	-	100 ± 32	14.0															
								500*	49.0	-	-	-	100 ± 32	14.0															

Color Code: see chart below  
A-305 m put-up not available in Black.

Third party verified to TIA/EIA-568-B.2-1, Category 6  
U.S. Patents 5,606,151; 5,734,126; 5,821,467  
Jacket sequentially marked at 0.6 m intervals. Features descending length marking.

<b>Plenum • FEP Teflon® Insulation • Flamarrest® Jacket</b> (Blue, Natural, Grey, Red, Yellow, Orange, Green, Gold, Violet, White and Black)																																			
 Rip Cord  4-Pair	<b>1874A</b>	NEC:	1000	305	37.0	16.8	0.57 mm 23 AWG Solid BC	0.039	1.00	<b>Bonded-Pair</b>	0.365	9.27								see above															
		CMP	A-1000	A-305	37.9	17.2															Unshielded	x	x												
		CEC:																			U/UTP	0.165	4.19												
		CMP																																	

Color Code: see chart below  
A-305 m put-up not available in Black.

Third party verified to TIA/EIA-568-B.2-1, Category 6  
U.S. Patents 5,606,151; 5,734,126; 5,821,467  
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.

Teflon® is a DuPont trademark.

Ⓢ Not RoHS compliant at time of printing.

**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

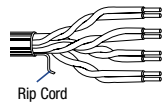
**Get the Bonded-Pairs  
Cable Preparation Tool**

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

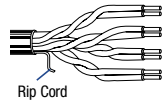


Rip Cord

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														



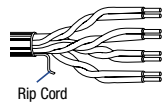
Rip Cord

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

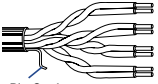
### DataTwist® 5e U/UTP Cables

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		

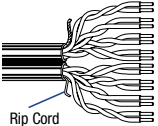
**Cat 5e • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair**

**Plenum • FEP Teflon® Insulation • Flammarrest® Jacket** (Red, Orange, Yellow, Green, Grey, White, Black, Pink, Natural and Blue)

 <p>Rip Cord</p>	<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	2.0	62.3	60.3	60.8	100 ± 15	20.0		
		1000	305	24.0	10.9	24 AWG								4	4.1	53.3	49.2	48.7	100 ± 15	23.0
		3000	915	69.2	31.4	Solid BC								10	6.5	47.3	40.8	40.8	100 ± 15	25.0
														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									

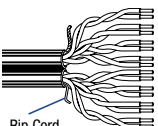
Color Code: see chart below  
 915 m put-up available in Natural or Blue only.  
 Third party verified to TIA/EIA-568-B.2, Category 5e  
 Jacket sequentially marked at 0.6 m intervals.

**Polyolefin Insulation • Grey PVC Jacket**

 <p>Rip Cord</p>	<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	1	2.1	62.0	60.2	61.0	100 ± 15	20.0				
		1000	305	37.5	17.0	24 AWG								x	x	4	4.0	53.0	49.3	49.0	100 ± 15	23.0
		1640	500	61.7	28.0	Solid BC								8	5.7	49.0	43.1	43.0	100 ± 15	24.5		
														10	6.3	47.0	41.0	41.0	100 ± 15	25.0		
														16	8.0	44.0	36.2	37.0	100 ± 15	25.0		
														20	9.0	43.0	33.8	35.0	100 ± 15	23.6		
														25	10.1	41.0	31.2	33.0	100 ± 15	24.3		
					31.25	11.4	40.0	28.5	31.0	100 ± 15	23.6											
					62.5	16.5	35.0	18.8	25.0	100 ± 15	21.5											
					100	21.3	32.0	11.0	41.0	100 ± 15	20.1											

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

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

 <p>Rip Cord</p>	<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	1	2.1	62.0	60.2	61.0	100 ± 15	20.0									
		1000	305	37.5	17.0	24 AWG													x	x	4	4.0	53.0	49.3	49.0	100 ± 15	23.0
		1640	500	61.7	28.0	Solid BC													8	5.7	49.0	43.1	43.0	100 ± 15	24.5		
		3280	1000	123.5	56.0														10	6.3	47.0	41.0	41.0	100 ± 15	25.0		
																			16	8.0	44.0	36.2	37.0	100 ± 15	25.0		

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


**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**

<b>Polyolefin Insulation • PVC Inner Jacket (Light Blue and Grey) • No Overall Jacket</b>																						
	1700S6	NEC:	500	152	77.6	35.2	0.51 mm 24 AWG Solid BC	0.038	0.97	<b>Bonded-Pair</b>	0.204	5.18	1	2.0	65.3	63.3	60.8	100 ± 12	20.0			
		CMR	1000	305	149.1	67.7									Unshielded	10	6.4	50.3	43.9	40.8	100 ± 12	25.0
		CEC:													U/UTP	16	8.1	47.3	39.1	36.7	100 ± 12	25.0
		CMG														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										
1700R Bundled 0.60/15.24																						

24-Pair

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.

<b>Plenum • FEP Insulation • Flamarrest® Inner Jacket (Blue and Natural) • No Overall Jacket</b>																				
	1701S6	NEC:	500	152	81.6	37.0	0.51 mm 24 AWG Solid BC	0.036	0.91	<b>Bonded-Pair</b>	0.195	4.95								see above
		CMP	1000	305	157.1	71.3														Unshielded
		CEC:																		U/UTP
		CMP																		
1700R Bundled 0.60/15.24																				

24-Pair

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

### IEEE 802.3, ISO/IEC 8802.3 10Base2 and 10Base5

#### Trunk Cables – Thinnet and Thicknet

De-scription	Part No.	UL NEC / C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Core OD (Dielectric)		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. ( )	Nom. 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	
<b>Thinnet 10Base2 • 20 AWG • Stranded (19x32) 0.9 mm Tinned Copper • Duobond® II • 93 % Tinned Copper Braid</b>																				
<b>Ethernet • Foam HDPE Insulation • Grey PVC Jacket</b>																				
	30V 60°C <b>9907</b>	NEC:	500	152	12.6	5.7	0.94 mm	0.102	2.59	Duobond® II	0.185	4.70	50	80%	25.4	83.3	1	0.4	1.4	
	UL AWM Style 1354	CL2, CM	U-1000	U-305	25.1	11.4	20 AWG			+ 93% TC							10	1.3	4.3	
		CEC:	1000	305	25.1	11.4	(19x32) TC			19.0 /km***							50	2.9	9.5	
		CM	1640	500	41.0	18.6	47.9 /km*										100	4.2	13.8	
			2500	762	62.6	28.4	28.9 /km**										200	6.1	20.0	
			3280	1000	82.2	37.3										400	8.9	29.2		
																700	12.1	39.7		
																900	13.9	45.6		
																1000	14.8	48.6		
			DEC Part No. 17-01248-00																	
			For Plenum version of 9907, see 89907 or 82907.																	
<b>Plenum • Ethernet • Foam FEP Insulation • Natural Flamarrest® Jacket</b>																				
	300V 75°C <b>82907</b>	NEC:	† 500	152	12.6	5.7	0.94 mm	0.095	2.41	Duobond® II	0.160	4.06	50	80%	25.4	83.3	1	0.4	1.4	
		CL2P	U-1000	U-305	23.1	10.5	20 AWG			+ 93% TC							10	1.3	4.3	
		CMP	† 1000	305	24.0	10.9	(19x32) TC			19.0 /km***							50	2.9	9.5	
		CEC:	† 2500	762	57.5	26.1	47.9 /km*										100	4.2	13.8	
		CMP					28.9 /km**										200	6.1	20.0	
																400	9.2	30.2		
																700	12.9	42.3		
																900	15.0	49.2		
																1000	16.0	52.5		
<b>Plenum • Ethernet • Foam FEP Insulation • Grey Fluorocopolymer Jacket</b>																				
	300V 150°C <b>89907</b>	NEC:	† 500	152	12.6	5.7	0.94 mm	0.095	2.41	Duobond® II	0.160	4.06	50	80%	25.4	83.3				
		CL2, CM	† 1000	305	24.0	10.9	20 AWG			+ 93% TC										
		CEC:	† 2500	762	60.2	27.3	(19x32) TC			19.0 /km***										
		CM					47.9 /km*													
							28.9 /km**													
			DEC Part No. 17-01246-00																	
			Suitable for outdoor and direct burial applications.																	
<b>Thinnet 10Base2 • 12 AWG • Solid 2.05 mm Bare Copper • Duobond® IV Quad Shield</b>																				
<b>Ethernet • Foam Polyethylene Insulation • Yellow PVC Jacket</b>																				
	30V 60°C <b>9880</b>	NEC:	500	152	66.1	30.0	2.05 mm	0.243	6.17	Duobond® IV	0.405	10.29	50	78%	25.9	85.0	1	0.2	0.6	
	UL AWM Style 1478	CL2, CM	1000	305	131.2	59.5	12 AWG			Quad Shield							5	0.4	1.2	
		CEC:	1640	500	220.2	99.9	Solid BC			5.0 /km***							10	0.5	1.7	
		CM					9.66 /km*										50	1.2	3.9	
							4.66 /km**										100	1.7	5.6	
																200	2.6	8.4		
																400	3.9	12.8		
																700	5.5	18.1		
																900	6.5	21.3		
																1000	6.9	22.6		
			DEC Part No. 17-00451-00 5.0 /km																	
			For Plenum version of 9880, see 89880.																	
			Ring-band stripes marked every 2.5 meters to aid users in tap placement.																	
<b>Plenum • Ethernet • Foam FEP Insulation • Orange Fluorocopolymer Jacket</b>																				
	150°C <b>89880</b>	NEC:	† 1000	305	134.3	60.9	2.05 mm	0.245	6.22	Duobond® IV*	0.375	9.53	50	78%	25.9	85.0	1	0.2	0.6	
		CL2P	† 1640	500	225.1	102.1	12 AWG			Quad Shield							5	0.4	1.2	
		CMP					Solid BC			5.0 /km***							10	0.5	1.7	
		CEC:					9.66 /km*										50	1.1	3.8	
		CMP					4.66 /km**										100	1.6	5.4	
																200	2.5	8.0		
																400	3.8	12.5		
																700	5.6	18.4		
																900	6.8	22.3		
																1000	7.2	23.6		
			DEC Part No. 17-00324-00																	
			Suitable for outdoor and direct burial applications.																	
			Ring-band stripes marked every 2.5 meters to aid users in tap placement.																	

\* DC loop resistance • \*\* DC resistance inner conductor • \*\*\* DC resistance outer conductor • TC = Tinned Copper • BC = Bare Copper • DCR = DC resistance  
 † Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.

Duobond® II and Duobond® IV see technical information page 23.13.

 Not RoHS compliant at time of printing.