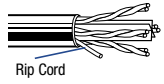


DataTwist® 600e U/UTP Cables
 TIA/EIA-568-B.2-1, Category 6,
 Enhanced Category 6 Bonded-Pair Cables

Certified System 4800LX

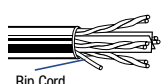
De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. ()	Min. RL dB
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT 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)																												
 Rip Cord 4-Pair	7851A	NEC:	1000	305	37.9	17.2	0.57 mm	0.044	1.13	Bonded-Pair	0.227	5.77	1	1.9	80.3	78.5	70.8	100 ± 12	20.0									
		CMR	A-1000	A-305	47.0	21.3					23 AWG	Unshielded								x	x	10	5.7	65.3	59.6	50.8	100 ± 12	25.0
		CEC:									Solid BC	U/UTP								0.315	8.00	31.25	10.2	57.9	47.7	40.9	100 ± 15	25.0
		CMR																				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													

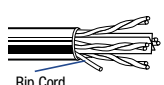
Color Code: see chart below

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																			
 Rip Cord 4-Pair	7851NH	1000	305	39.0	17.7	0.57 mm	0.044	1.13	Bonded-Pair	0.241	6.12	see above							
		A-1000	A-305	48.1	21.8					23 AWG	Unshielded	x	x	0.329	8.36				

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)																				
 Rip Cord 4-Pair	7852A	NEC:	1000	305	39.9	18.1	0.57 mm	0.043	1.08	Bonded-Pair	0.218	5.54	see above							
		CMP	A-1000	A-305	48.9	22.2					23 AWG	Unshielded	x	x	0.290	7.37				
		CEC:																		
		CMP																		

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

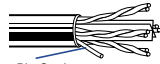
Certified System 4800LX

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	24586385	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	24586985	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

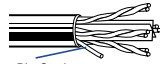
4-Pair

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	24588085	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

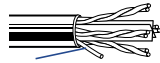
4-Pair

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	24587385	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	24587985	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

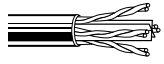
Pair No.	Color
1	White/Blue Stripe, Blue
2	White/Orange Stripe, Orange
3	White/Green Stripe, Green
4	White/Brown Stripe, Brown

Category 6 U/UTP Cables

TIA/EIA-568-B.2, 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		
Cat 6 • 23 AWG • Bonded-Pair • Solid 0.6 mm Bare Copper • Twisted Pair																			
Polyolefin Insulation • PVC Jacket (Grey and Blue)																			
	7812E		B-328	B-100	9.5	4.3	0.57 mm	0.042	1.06	Bonded-Pair	0.256	6.50	1	2.1	72.0	70.2	65.0	100 ± 15	20.0
			U-1000	U-305	28.9	13.1	23 AWG			Unshielded			4	3.8	63.0	59.4	53.0	100 ± 15	23.0
			1640	500	47.4	21.5	Solid BC			U/UTP			10	6.0	57.0	51.3	45.0	100 ± 15	25.0
			3280	1000	94.8	43.0							16	7.6	54.0	46.6	41.0	100 ± 15	25.0
													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

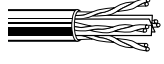


4-Pair

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)																				
	7812ENH		B-328	B-100	9.5	4.3	0.57 mm	0.042	1.06	Bonded-Pair	0.256	6.50								see above
			1000	305	28.9	13.1	23 AWG			Unshielded										
			1640	500	47.4	21.5	Solid BC			U/UTP										



4-Pair

Color Code: see chart below

Burning Energy: 535 kJ/m
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**

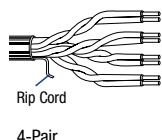
See page 15.37 for details.
(Part No. 1797B)

GigaFlex 2400 Cables Series

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

Certified System 2400

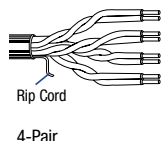
De-scription	Part No.	UL NEC / C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. ()	Min. RL dB	
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m			
Cat 6 • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair • Rip Cord																				
Polyolefin Insulation • PVC Jacket																				
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.

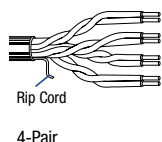
Polyolefin Insulation • FRNC/LSNH Polymer Alloy																					
Violet-Reel	24568005	NEC:	1000	305	28.0	12.7	0.51 mm	0.043	1.08	Non-Bonded-Pair Unshielded U/UTP	0.214	5.44								see above	
Violet-Box	24568015	CMR	1000	305	28.0	12.7	24 AWG														
White-Box	24568315	CEC:	1000	305	28.0	12.7	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.

Plenum • FEP Insulation • Low-Smoke PVC Jacket																					
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

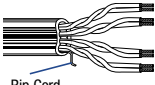
Color Code

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

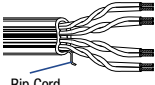
TIA/EIA-568-B.2-1, Category 6,
Enhanced Category 6 Bonded-Pair Cables

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																	
Cat 6 • 23 AWG • Solid 0.6 mm Bare Copper • Rip Cord																																		
Polyolefin Insulation • PVC Jacket (Blue, Red, Yellow, Orange, Green, Gold, Violet, White, Black and Grey)																																		
 Rip Cord 4-Pair	1872A	NEC:	1000	305	37.0	16.8	0.57 mm 23 AWG Solid BC	0.042	1.06	Bonded-Pair Unshielded U/UTP	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														x	x	4	3.7	63.3	59.0	52.8	100 ± 12	23.0						
		CEC:																																
		CMR																																

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.

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



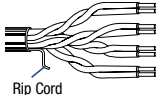
DataTwist® 350 U/UTP Cables

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		

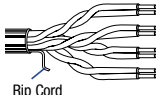
Cat 5e • 24 AWG • Bonded-Pair • Solid 0.5 mm Bare Copper • Rip Cord

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

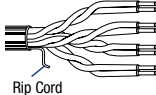
Polyolefin Insulation • PVC Jacket (Grey and Blue)

 <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

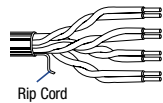
Get the Bonded-Pairs Cable Preparation Tool



See page 15.37 for details.
(Part No. 1797B)

GigaFlex 1200 Cables SeriesANSI/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				
Cat 5e • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair • Rip Cord																					
Polyolefin Insulation • PVC Jacket																					
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	

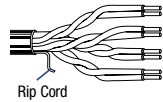


Rip Cord

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.

Polyolefin Insulation • FRNC / LSNH Polymer Alloy																					
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														



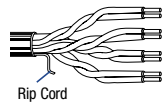
Rip Cord

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.

Plenum • Polyolefin / FEP Insulation • Low-Smoke PVC Jacket																					
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