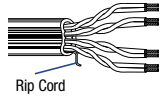


MediaTwist® and DataTwist® 6 U/UTP Patch Cables

TIA/EIA-568-B.2-1, Category 6,
Enhanced Category 6, 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 6 • 24 AWG • Bonded-Pair • Stranded (7x32) 0.6 mm Tinned Copper • RJ-45 Compatible																			
Polyolefin Insulation • PVC Jacket (Yellow, Green, Blue, Violet, Light Grey, Grey, White and Black)																			
MediaTwist® 18756B	NEC:		1000	305	31.1	14.1	0.61 mm	0.041	1.05	Bonded-Pair	0.365	9.27	1	1.9	72.3	70.0	64.8	100 ± 12	20.0
	CMR	A-1000	A-305	32.0	14.5	24 AWG			Unshielded	x	x	4	3.7	63.3	59.0	52.8	100 ± 12	23.0	
	CEC:					(7x32) TC			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		



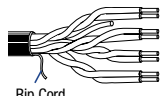
4-Pair

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

Third party verified to TIA/EIA-568-B.2-1, Category 6 Patch
U.S. Patents 5,606,151; 5,734,126; 5,763,823 and 5,821,467
Jacket sequentially marked at 0.6 m intervals.

Cat 6 • 24 AWG • Solid 0.5 mm Bare Copper • Twisted Pair • Central Slit-Film Filler • RJ-45 Compatible

Polyolefin Insulation • PVC Jacket (Red, Orange, Yellow, Green, Blue, Violet, White and Black)																			
DataTwist® 7883A	NEC:		1000	305	24.0	10.9	0.51 mm	0.038	0.97	Bonded-Pair	0.205	5.21	1	2.4	72.3	69.9	64.8	100 ± 15	20.0
	CM					Solid BC			Unshielded			10	7.1	57.3	50.2	44.8	100 ± 15	25.0	
	CEC:								U/UTP			20	10.2	52.8	42.6	38.8	100 ± 15	25.0	
	CM											31.25	12.8	49.9	37.1	34.9	100 ± 15	23.6	
												62.5	18.5	45.4	26.9	28.9	100 ± 15	21.5	
												100	23.8	42.3	18.5	24.8	100 ± 15	20.1	
											200	34.8	37.8	3.0	18.8	100 ± 22	18.0		
											250	39.4	36.3	-	16.8	100 ± 32	17.3		



4-Pair

Color Code: see chart below*

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

TC = Tinned Copper • 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 rotation available for T568-A or T568-B wiring schemes.

Color Code 1875GB

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

Color Code 7883A

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

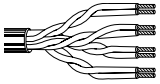
**Get the Bonded-Pairs
Cable Preparation Tool**

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



DataTwist® 350 U/UTP Patch Cables

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

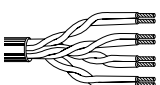
De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. ()	Min. RL dB		
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m				
Cat 5e • 24 AWG • Bonded-Pair • Stranded (7x32) 0.6 mm Tinned Copper • RJ-45 Compatible																					
Polyolefin Insulation • PVC Jacket (Yellow, Green, Blue, Violet, Light Grey, Grey, White and Black)																					
 4-Pair	1752A	NEC:	U-1000	U-305	24.0	10.9	0.61 mm	0.038	1.00	Bonded-Pair Unshielded U/UTP	0.220	5.59	1	2.4	65.3	62.9	60.8	100 ± 12	20.0		
		CM	1000	305	26.0	11.8	24 AWG								4	4.8	56.3	51.5	48.7	100 ± 12	23.0
		CEC:					(7x32) TC								8	6.8	51.8	45.0	42.7	100 ± 12	24.5
		CM													10	7.7	50.3	42.6	40.8	100 ± 12	25.0
															16	9.7	47.3	37.5	36.7	100 ± 12	25.0
															25	12.4	44.3	31.9	32.8	100 ± 15	24.3
															31.25	13.9	42.9	29.0	30.9	100 ± 15	23.6
															62.5	20.2	38.4	18.3	24.9	100 ± 15	21.5
															100	26.0	35.3	9.2	20.8	100 ± 15	20.1
															155	33.2	32.5	-	16.9	100 ± 18	19.0
															200	38.4	30.8	-	14.7	100 ± 20	19.0
								250	43.7	29.3	-	12.8	100 ± 20	18.0							
								350	53.2	27.2	-	9.9	100 ± 22	17.0							

Color Code: see chart below

Third party verified to TIA/EIA-568-B.2, Category 5e Patch
U.S. Patents 5,606,151; 5,734,126 and 5,763,823
Jacket sequentially marked at 0.6 m intervals.

DataTwist® 5e U/UTP Patch 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 • Stranded (7x32) 0.6 mm Bare Copper • Twisted Pair • RJ-45 Compatible*																					
Polyolefin Insulation • PVC Jacket (Red, Orange, Yellow, Green, Blue, Violet, Light Grey, White and Black)																					
 4-Pair	1592A	NEC:	U-1000	U-305	22.0	10.0	0.61 mm	0.040	1.02	Non- Bonded-Pair Unshielded U/UTP	0.213	5.41	1	2.5	62.3	-	60.8	100 ± 15	20.0		
		CM	1000	305	23.1	10.5	24 AWG								4	4.9	53.3	-	48.7	100 ± 15	23.0
		CEC:					(7x32) BC								10	7.8	47.3	-	40.8	100 ± 15	25.0
		CM FT1													16	9.9	44.3	-	36.7	100 ± 15	25.0
															31.25	14.1	39.9	-	30.9	100 ± 15	23.6
															62.5	20.4	35.4	-	24.8	100 ± 15	21.5
															100	26.4	32.3	-	20.8	100 ± 15	20.1
															200	38.9	27.8	-	14.7	100 ± 25	15.0

Color Code: see chart below

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

TC = Tinned Copper • 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
* RJ-45 compatible for either T568-A or T568-B configurations.

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

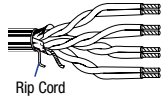
See page 15.37 for details.
(Part No. 1797B)



DataTwist® 5e F/UTP Patch Cables

EN 50173, ISO/IEC 11801, Category 5e,
Non-Bonded-Pair Cables

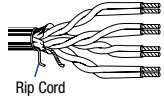
De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. ()	Min. RL dB	
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m			
Cat 5e • 26 AWG • Stranded (7x34) 0.5 mm Bare Copper • Twisted Pair • Overall Beldfoil® Shield • 24 AWG TC Drain Wire • Rip Cord																				
Polyolefin Insulation • PVC Jacket (Grey and Blue)																				
	1868E		1640	500	29.8	13.5	0.51 mm 26 AWG (7x34) BC	0.037	0.95	Non- Bonded-Pair Overall Beldfoil® + Drain Wire (24 AWG TC) F/UTP	0.205	5.20	1	3.2	62.0	59.1	61.0	100 ± 15	20.0	
		3280	1000	59.5	27.0	4									6.0	53.0	47.3	49.0	100 ± 15	23.0
						8									8.5	49.0	40.3	43.0	100 ± 15	24.5
						10									9.5	47.0	37.8	41.0	100 ± 15	25.0
						16									12.1	44.0	32.2	37.0	100 ± 15	25.0
						20									13.6	43.0	29.2	35.0	100 ± 15	25.0
						25									15.2	41.0	26.1	33.0	100 ± 15	24.3
						31.25									17.1	40.0	22.8	31.0	100 ± 15	23.6
						62.5									24.8	35.0	10.6	25.0	100 ± 15	21.5
						100									32.0	32.0	0.3	21.0	100 ± 15	20.1



4-Pair

Color Code: see chart below

Polyolefin Insulation • Grey FRNC/LSNH Jacket																			
	1868ENH		1640	500	29.8	13.5	0.51 mm 26 AWG (7x34) BC	0.037	0.95	Non- Bonded-Pair Overall Beldfoil® + Drain Wire (24 AWG TC) F/UTP	0.205	5.20	see above						
		3280	1000	59.5	27.0														



4-Pair

Color Code: see chart below

Burning Energy: 355 kJ/m

TC = Tinned Copper • 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