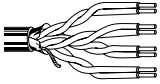


Category 6 F/UTP Cables

EN 50173, ISO/IEC 11801, Class E, Category 6,
Bonded-Pair Cables

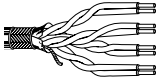
De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. ()	Min. RL dB			
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m					
Cat 6 • 23 AWG • Solid 0.6 mm Bare Copper • Twisted Pair • Overall Beldfoil® Shield • 26 AWG Tinned Copper Drain Wire																						
Polyolefin Insulation • FRNC/LSNH Jacket (Grey and Blue)																						
 4-Pair	7860ENH		B-328	B-100	11.0	5.0	0.57 mm	0.046	1.17	Bonded-Pair Overall Beldfoil® + Drain Wire (26 AWG TC) F/UTP	0.287	7.30	1	2.1	72.0	70.2	65.0	100 ± 15	20.0			
			1640	500	54.9	24.9	23 AWG								4	3.8	63.0	59.4	53.0	100 ± 15	23.0	
			3280	1000	110.2	50.0	Solid BC								10	6.0	57.0	51.3	45.0	100 ± 15	25.0	
																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				

Color Code: see chart below

Burning Energy: 560 kJ/m

Category 6 SF/UTP Cables

EN 50173, ISO/IEC 11801, Class E, 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 • 23 AWG • Solid 0.6 mm Bare Copper • Twisted Pair • Overall Beldfoil® Shield • 26 AWG TC Drain Wire • Overall TC Braid																						
Polyolefin Insulation • FRNC/LSNH Jacket (Grey and Blue)																						
 4-Pair Braided 7860E	7860ENS		B-328	B-100	12.5	5.7	0.57 mm	0.046	1.17	Bonded-Pair Overall Beldfoil® + Drain Wire (26 AWG TC) + TC Braid SF/UTP	0.295	7.50	1	2.1	72.0	70.2	65.0	100 ± 15	20.0			
			1640	500	62.8	28.5	23 AWG								4	3.8	63.0	59.4	53.0	100 ± 15	23.0	
			3280	1000	125.4	56.9	Solid BC								10	6.0	57.0	51.3	45.0	100 ± 15	25.0	
																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				

Color Code: see chart below

Burning Energy: 560 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

Get the Bonded-Pairs Cable Preparation Tool

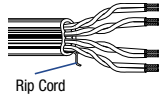
See page 15.37 for details.
(Part No. 1797B)



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: CMR CEC: CMR	18756B	NEC: CMR CEC: CMR	1000	305	31.1	14.1	0.61 mm 24 AWG (7x32) TC	0.041	1.05	Bonded-Pair Unshielded U/UTP	0.365	9.27	1	1.9	72.3	70.0	64.8	100 ± 12	20.0
			20	6.2	58.8	56.0							50.0	100 ± 12	23.0				
			30	9.1	53.3	50.0							46.7	100 ± 12	24.5				
			40	12.0	47.8	44.0							40.7	100 ± 12	25.0				
			50	14.9	42.3	39.0							36.8	100 ± 15	24.3				
			60	17.8	36.8	34.0							31.5	100 ± 15	23.6				
			75	22.3	29.3	28.0							25.5	100 ± 15	21.5				
			100	29.8	21.8	24.8							21.0	100 ± 15	21.0				
			150	44.8	14.3	20.9							100 ± 15	21.0					
			200	59.8	10.0	18.8							100 ± 15	21.0					
			250	74.8	3.0	16.8							100 ± 20	18.0					
			300	89.8	> 0	15.2							100 ± 20	18.0					
			350	104.8	-	13.9							100 ± 22	17.0					
			400	119.8	-	-							100 ± 32	14.0					
500	149.8	-	-	100 ± 32	14.0														



Rip Cord

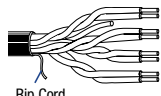
4-Pair

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: CM CEC: CM	7883A	NEC: CM CEC: CM	1000	305	24.0	10.9	0.51 mm 24 AWG Solid BC	0.038	0.97	Bonded-Pair Unshielded U/UTP	0.205	5.21	1	2.4	72.3	69.9	64.8	100 ± 15	20.0
			20	7.1	57.3	50.2							44.8	100 ± 15	25.0				
			30	10.2	52.8	42.6							38.8	100 ± 15	25.0				
			40	12.8	49.9	37.1							34.9	100 ± 15	23.6				
			50	15.5	45.4	26.9							28.9	100 ± 15	21.5				
			60	18.5	42.3	18.5							24.8	100 ± 15	20.1				
75	23.8	37.8	3.0	18.8	100 ± 22	18.0													
100	34.8	36.3	-	16.8	100 ± 32	17.3													



Rip Cord

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)

