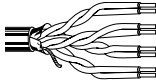


Category 6 F/UTP Cables

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

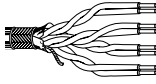
De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. (Ω)	Min. RL dB
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT 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. (Ω)	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)

