

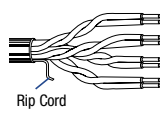
Brilliance® VideoTwist®

Low Skew UTP Cables for Video Transmission

Category and Non-Category Styles

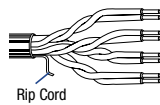


De- scription	Part No.	UL NEC / C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Freq. MHz	Max. Atten. dB/100m	Min. PSUM			Input Imp. (Ω)	Min. RL dB
			ft.	m	lbs.	kg		inch	mm		inch	mm			NEXT dB	ACR dB/100m	ELFEXT dB/100m		
NanoSkew™ • 24 AWG Non-Bonded-Pair • Solid 0.5 mm BC • Twisted Pair • Skew 2.2 ns/100 m Nominal • Rip Cord • Non-Category Style																			
Polyolefin Insulation • Maroon PVC Jacket																			
300V RMS 7987R	NEC: CMR CEC: CMG	U-1000 U-1640	U-305 U-500	22.0 36.2	10.0 16.4	0.51 mm 24 AWG Solid BC	0.038	0.97	Non- Bonded-Pair Unshielded UTP	0.195	4.95	1	2.0	-	-	-	100 ± 15	15.0	
												4	4.1	-	-	-	-	-	
												8	5.8	-	-	-	-	-	
												10	6.5	-	-	-	-	-	
												16	8.2	-	-	-	-	-	
												20	9.3	-	-	-	-	-	
												25	10.4	-	-	-	-	-	
												31.25	11.7	-	-	-	-	-	
												62.5	17.0	-	-	-	-	-	
												100	22.0	-	-	-	-	-	
												155	28.1	-	-	-	-	-	
												200	32.0	-	-	-	-	-	
250*	36.4	-	-	-	-	-													
350*	44.8	-	-	-	-	-													



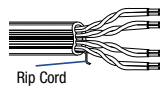
Color Code: see chart below

NanoSkew™ • Category 5e • 24 AWG Bonded-Pair • Solid 0.5 mm Bare Copper • Skew 9.0 ns/100 m Nominal • Rip Cord																			
Polyolefin Insulation • Green PVC Jacket																			
300V RMS 7988R	NEC: CMR CEC: CMG FT4	U-1000 U-1640	U-305 U-500	22.0 36.2	10.0 16.4	0.51 mm 24 AWG Solid BC	0.038	0.97	Bonded-Pair Unshielded UTP	0.204	5.18	1	2.0	65.3	60.3	60.8	100 ± 15	20.0	
												4	4.1	53.3	49.2	48.7	100 ± 15	23.0	
												8	5.8	48.8	43.0	42.7	100 ± 15	24.5	
												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	
												20	9.3	42.8	33.5	34.7	100 ± 15	25.0	
												25	10.4	41.3	30.9	32.8	100 ± 15	24.3	
												31.25	11.7	39.9	28.2	30.9	100 ± 15	23.6	
												62.5	17.0	35.4	18.4	24.8	100 ± 15	21.5	
												100	22.0	32.3	10.3	20.8	100 ± 15	20.1	
												155	28.1	29.5	2.0	16.9	100 ± 25	15.8	
												200	32.4	27.8	1.0	14.7	100 ± 25	15.0	



Color Code: see chart below

NanoSkew™ • Category 6 • 23 AWG Bonded-Pairs • Solid 0.6 mm Bare Copper • Skew 10.0 ns/100 m Nominal • Rip Cord																			
Polyolefin Insulation • Blue PVC Jacket																			
300V RMS 7989R	NEC CMR CEC CMR FT4	1000 1640	305 500	32.0 52.5	14.5 23.8	0.57 mm 23 AWG Solid BC	0.042	1.06	Bonded-Pair Unshielded UTP	0.365 x 0.165	9.27 x 4.19	1	2.0	72.3	70.3	64.8	100 ± 15	20.0	
												4	3.8	63.3	59.5	52.7	100 ± 15	23.0	
												8	5.3	58.8	53.4	46.7	100 ± 15	24.5	
												10	6.0	57.3	51.3	44.8	100 ± 15	25.0	
												16	7.6	54.3	46.7	40.7	100 ± 15	25.0	
												20	8.5	52.8	44.3	38.7	100 ± 15	25.0	
												25	9.5	51.4	41.8	36.8	100 ± 15	24.3	
												31.25	10.7	49.9	39.2	34.9	100 ± 15	23.6	
												62.5	15.4	45.4	30.0	28.8	100 ± 15	21.5	
												100	19.8	42.3	22.5	24.8	100 ± 15	20.1	
												155	25.2	39.5	14.3	20.9	100 ± 22	18.8	
												200	29.0	37.8	8.8	18.7	100 ± 22	18.0	
250	32.8	36.3	3.5	16.8	100 ± 32	17.3													



Color Code: see chart below

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