

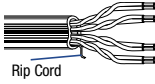
VideoTwist® 6 U/UTP Cables for RGB Video

TIA/EIA-568-B.2-1, 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		

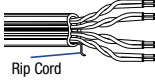
NanoSkew™ • Category 6 • 23 AWG Bonded-Pairs • Solid 0.6 mm Bare Copper • Skew 10.0 ns/100 m Nominal • Rip Cord

Polyolefin Insulation • Blue PVC Jacket

 Rip Cord 4-Pair MediaTwist™ Construction	300V RMS	7989R	NEC	1000	305	32.0	14.5	0.57 mm	0.042	1.06	Bonded-Pair	0.365	9.27	1	2.0	72.3	70.3	64.8	100 ± 15	20.0
			CMR	1640	500	52.5	23.8	23 AWG			Unshielded	x	x	8	3.8	63.3	59.5	52.7	100 ± 15	23.0
			CEC					Solid BC			U/UTP	0.165	4.19	10	6.0	57.3	51.3	44.8	100 ± 15	25.0
			CMR FT4											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

Plenum • Polyolefin Insulation • Blue PVC Jacket

 Rip Cord 4-Pair MediaTwist™ Construction	300V RMS	7989P	NEC	1000	305	32.0	14.5	0.57 mm	0.039	1.00	Bonded-Pair	0.365	9.27								see above	
			CMR	1640	500	52.5	23.8	23 AWG			Unshielded	x	x									
			CEC					Solid BC			U/UTP	0.165	4.19									
			CMR FT4																			

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

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)

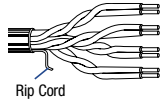


VideoTwist® 5e U/UTP Cables for RGB Video

TIA/EIA-568-B.2, 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 • Solid 0.5 mm Bare Copper • Twisted Pair • Skew 9.0 ns/100 nom. • Rip Cord

Polypropylene Insulation • Green PVC Jacket																					
 <p>Rip Cord</p>	7988R	NEC:	1000	305	22.0	10.0	0.51 mm 24 AWG Solid BC	0.038	0.97	Bonded-Pair Unshielded U/UTP	0.204	5.18	1	2.0	65.3	60.3	60.8	100 ± 15	20.0		
		CMR:	1640	500	36.2	16.4									4	4.1	53.3	49.3	48.7	100 ± 15	23.0
		CEC:													10	6.5	47.3	40.8	40.8	100 ± 15	25.0
		CMG:													16	8.2	44.3	36.0	36.7	100 ± 15	25.0
															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
					200	32.4	27.8	1.0	14.7	100 ± 15	15.0										

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.

Plenum • FEP Insulation • Green Flamarrest® Jacket																			
 <p>Rip Cord</p>	7988P	NEC:	1000	305	22.9	10.4	0.51 mm 24 AWG Solid BC	0.036	0.91	Bonded-Pair Unshielded U/UTP	0.193	4.90	see above						
		CMF:	1640	500	37.7	17.1													
		CEC:																	
		CMF:																	

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.

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
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Get the Bonded-Pairs Cable Preparation Tool

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

