

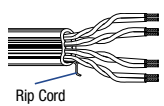
MediaTwist® and DataTwist® 6 U/UTP Patch Cables

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. (Ω)	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)

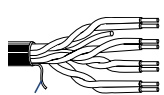
 <p>MediaTwist® 1875GB NEC: CMR CEC: CMR</p>	NEC:	1000	305	31.1	14.1	0.61 mm	0.041	1.05	Bonded-Pair	0.365	9.27	1	1.9	72.3	70.0	64.8	100 ± 12	20.0
	CMR	A-1000	A-305	32.0	14.5	24 AWG			Unshielded	x	x	4	3.7	63.3	59.0	52.8	100 ± 12	23.0
	CEC:					(7x32) TC			U/UTP	0.165	4.19	8	5.3	58.8	53.0	46.7	100 ± 12	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	

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)

 <p>DataTwist® 7883A NEC: CM CEC: CM</p>	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					24 AWG			Unshielded			10	7.1	57.3	50.2	44.8	100 ± 15	25.0
	CEC:					Solid BC			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	

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)

