

# Category Cables



97272

## Category 6 Cables

Part Number	Description	Pairs	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
97272	Cat 6 23/4pr solid BC ETL Verified, Tested to 600 MHz	4	CMR	32 lbs	0.230"	1,000' RIB (16)	Orange (03) Green (05) Blue (06) Gray (09)
977964	Cat 6 23/4pr solid BC Plenum Rated ETL Verified, Tested to 600 MHz	4	CMP	26 lbs	0.210"	1,000' RIB (16)	Orange (03) Green (05) Blue (06) Natural (23)

Freq. (MHz)	Attn. (dB/100m) Max	NEXT loss (dB) Min	PSNEXT loss (dB) Min	ACR (dB @ 100m) Min	PSACR (dB @ 100m) Min	ELFEXT (dB @ 100m) Min	PSELFEXT (dB @ 100m) Min	Ret. Loss (dB) Max	Specification	Value
1	2.0	74.3	72.3	72.3	70.3	67.8	64.8	20.0	Mutual Capacitance: (nF / 100m) Nominal	4.4
10	6.0	59.3	57.3	53.3	51.3	47.8	44.8	25.0	DC Resistance: (Ohms / 100m @ 20°C) Max	8.9
16	7.6	56.2	54.2	48.6	46.6	43.7	40.7	25.0	Delay Skew: (ns / 100m) Max	25
20	8.5	54.8	52.8	46.3	44.3	41.8	38.8	25.0	Velocity of Propagation: Non-Plenum (%):	70
31.25	10.7	51.9	49.9	41.2	39.2	37.9	34.9	23.6	Plenum (%):	72
62.5	15.4	47.4	45.4	32.0	30.0	31.9	28.9	21.5	Input Impedance: (Ohms @ 1-100 MHz)	100 +/- 15
100	19.8	44.3	42.3	24.5	22.5	27.8	24.8	20.1	(Ohms @ 100-600 MHz)	100 +/- 32
200	29.0	39.8	37.8	10.8	8.8	21.8	18.8	18.0		
250	32.8	38.3	36.3	5.5	3.5	19.8	16.8	17.3		
350	40.0	36.2	34.2	-	-	16.9	13.9	16.3		
400	43.2	35.3	33.3	-	-	15.7	12.7	15.9		



96263

## Category 5e Cables

Part Number	Description	Pairs	UL Type	Weight (Nom.)	Outside Dia. (Nom.)	Packaging	Jacket Color
96262	Cat 5e 24/4pr solid BC ETL Verified, Tested to 350 MHz	4	CM	24 lbs	0.185"	1,000' Box (46)	Blue (06)
96263	Cat 5e 24/4pr solid BC ETL Verified, Tested to 350 MHz	4	CMR	24 lbs	0.185"	1,000' RIB (16) 1,000' Box (46)	White (01) Yellow (02) Orange (03) Green (05) Blue (06) Gray (09) Pink (21)
96963	2x Cat 5e 24/4pr solid BC Dual (Parallel) construction ETL Verified, Tested to 350 MHz	4 + 4	CMR	51 lbs	0.185" x 0.370"	1,000' Reel (06)	Blue (06)
966956	Cat 5e 24/4pr solid BC Plenum Rated ETL Verified, Tested to 350 MHz	4	CMP	21 lbs	0.180"	1,000' RIB (16)	Yellow (02) Orange (03) Green (05) Blue (06) Gray (09) Natural (23)
96294	Cat 5e 24/4pr solid BC For direct burial use (flooded)	4	n/a	20 lbs	0.250"	1,000' Reel (06)	Black (08)

Freq. (MHz)	Attn. (dB/100m) Max	NEXT loss (dB) Min	PSNEXT loss (dB) Min	ACR (dB @ 100m) Min	PSACR (dB @ 100m) Min	ELFEXT (dB @ 100m) Min	PSELFEXT (dB @ 100m) Min	Ret. Loss (dB) Max	Specification	Value
1	2.0	65.3	62.5	63.3	60.3	63.8	60.8	20.0	Mutual Capacitance: (nF / 100m) Nominal	4.4
10	6.5	50.3	47.3	43.8	40.8	43.8	40.8	25.0	DC Resistance: (Ohms / 100m @ 20°C) Max	8.9
16	8.2	47.3	44.3	39.1	36.1	39.7	36.7	25.0	Delay Skew: (ns / 100m) Max	45
20	9.3	45.8	42.8	36.5	33.5	37.7	34.7	25.0	Velocity of Propagation: Non-Plenum (%):	70
31.25	11.7	42.9	39.9	31.2	28.2	33.9	30.9	23.6	Plenum (%):	72
62.5	17.0	38.4	35.4	21.4	18.4	27.8	24.8	21.5	Input Impedance: (Ohms @ 1-100 MHz)	100 +/- 15
100	22.0	35.3	32.3	13.3	10.3	23.8	20.8	20.1		



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