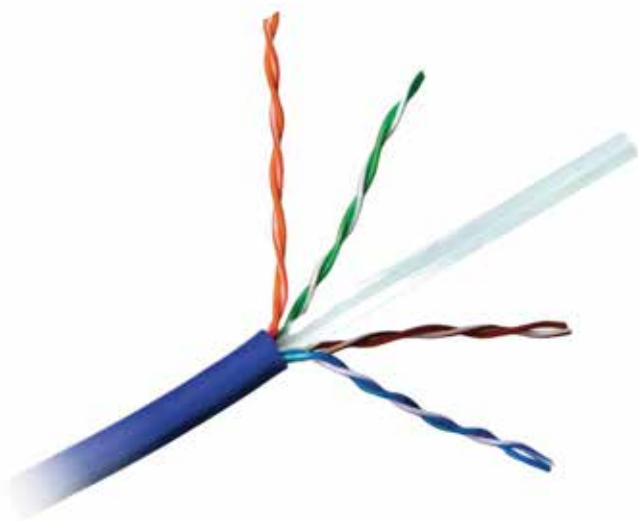


# CATEGORY 6 UTP CABLE



This cable meets or exceeds category 6/class E Attenuation and NEXT requirement in ISO/IEC 11801, CENELEC EN50173 and TIA/EIA 568B. It features an easy to remove cross tape that delivers high performance benefits.

### ★ Features

- Bandwidth up to 250MHz
- Suited for Gigabit Ethernet
- 23 AWG solid bare copper
- Isolation member ensures stability
- Meets different flame requirement
- Various colors

### 🔍 Physical Specifications

Gauge	23AWG
Insulation thickness	0.220mm (0.0087inch)
Jacket thickness	0.560mm (0.022inch)
Cable diameter	6.10mm (0.240inch)
Weight	26.1 lb (11.8kg)
Operating temperature	-4°F to 167°F (-20°C to 75°C)

### ⚡ Electrical Specifications

NVP	69%
DC resistance	9.38 Ohms/100m Max
DC resistance unbalance	5% Max
Mutual capacitance	5.6nF/100m Max
Standards	ANSI/TIA/EIA 568B.2-1 ISO/IEC 11801:2002 class E CENELEC EN 50173:2002

### 📊 Electrical Characteristic

Frequency [MHz]	Impedance	RL [dB]		Attenuation [dB]		NEXT [dB]		PSNEXT [dB]		ELFEXT [dB]		PSELFEXT [dB]		Delay [ns/100m]		Delay Skew	
		min	nom	max	nom	min	nom	min	nom	min	nom	min	nom	max	nom	max	nom
1	100±15	20	24	2	1.8	74.3	80	72.3	77	67.8	78	64.8	75	570	370	40	30
10		25	28	6	5.5	59.3	70	57.3	67	47.8	58	44.8	55	545	500	40	30
16		25	30	7.6	7.1	56.2	68	54.2	63	43.7	57	40.7	54	543	500	40	30
25		24.3	28	9.5	8.9	53.3	60	51.3	57	39.8	50	36.8	47	541	500	40	30
62.5		21.5	25	15.4	14.5	47.4	50	45.4	47	31.9	44	28.9	41	538	500	40	30
100		20.1	24	19.8	18.7	44.3	49	42.3	46	27.8	40	24.8	37	537	500	40	30
200		18	22	29	27.2	39.8	47	37.8	44	21.8	33	18.8	30	536	460	40	30
250		17.3	21	32.8	30.5	38.3	45	36.3	42	19.8	25	16.8	22	536	400	40	30

### 🛒 Ordering Information

Product Number	Description	Flame	Color	Length	Package
SKC6U1M004GY	4-pair, cat 6 UTP horizontal cable	CM	Gray	305m	Reel
SKC6U1R004GY	4-pair, cat 6 UTP horizontal cable	CMR	Gray	305m	Reel