

# Category6 UTP\_K.S(Unshielded Twisted Pair)

**관련 규격**

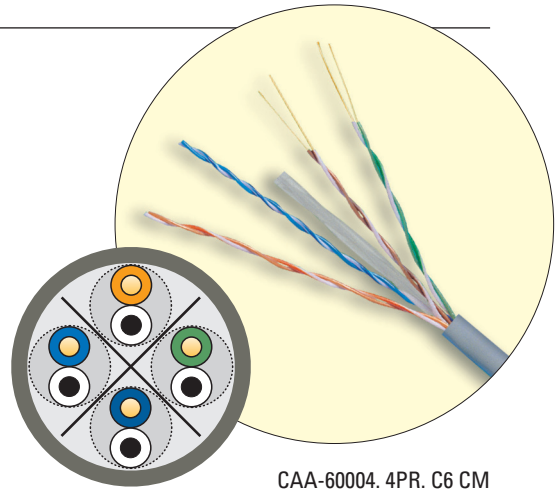
- UL 444, 444(13)
- ANSI/EIA/TIA-568A-5
- UL 1581, 1666
- KSC 3342
- NEMA WC-66

**사용 용도**

- 1000BASE-T(Gigabit Ethernet)
- 100BASE-T(Fast Ethernet)
- 16Mbps Token Ring
- 100VG-AnyLAN
- 155Mbps ATM
- IEEE 802.3, 802.5, 802.12

**구조**

- 도체 : 연동선 (24AWG)
- 절연 : HDPE
- 자켓 : FR-PVC (Halogen-Free 쉬스가능)



CAA-60004. 4PR. C6 CM

Pair	완성외경(mm)	표준길이(m)	표준중량(kg/km)	포장	TYPE
4	6.5	300	43	BOX	CMX, CM, CMR

**전기적 특성**

- 도체 저항 : 9.38(Ω/100m) 이하
- 도체저항 불평형 : 3(%) 이하
- 상호 정전용량 : 5.6(nF/100m) 이하
- 정전용량 불평형 : 330(pF/100m) 이하
- Delay Skew : 45(ns/100m) 이하

Frequency	Impedance	Attenuation	NEXT	SRL	PSNEXT	ACR	ELFEXT	PSELFEXT
MHz	Ω	dB/100m	dB	dB	dB/100m	dB/100m	dB/100m	dB/100m
1.0	85~115	max2.0	min74.3	min19.0	min72.3	72.3	min67.8	min 64.8
4.0	85~115	3.8	65.3	21.4	63.3	61.5	55.7	52.7
8.0	85~115	5.4	60.8	22.6	58.8	55.4	49.7	46.7
10.0	85~115	6.0	59.3	23.0	57.3	53.3	47.8	44.8
16.0	85~115	7.7	56.3	23.0	54.3	48.6	43.7	40.7
20.0	85~115	8.6	54.8	23.0	52.8	46.2	41.7	38.7
25.0	85~115	9.6	53.3	22.3	51.3	43.7	39.8	36.8
31.25	85~115	10.8	51.9	21.6	49.9	41.1	37.9	34.9
62.5	85~115	15.7	47.4	19.5	45.4	31.7	31.8	28.8
100.0	85~115	20.2	44.3	18.1	42.3	20.0	27.8	24.8
155.0	78~122	25.8	41.4	16.8	39.4	15.6	23.9	20.9
200.0	78~122	29.8	39.8	16.0	37.8	10.0	21.7	18.7
250.0	68~132	33.8	38.3	15.3	36.3	4.5	19.8	16.8