

MK-FOUR 4 PAIRS CAT 6 UTP CABLE



APPLICATION

- Ideal for high bandwidth Ethernet, Fast Ethernet, Gigabit Ethernet and 155 or 622 Mbps ATM
- Sweep tested and characterized to 250 Mhz
- Improved attenuation for cleaner data and video transmissions
- Four solid conductor unshielded twisted pairs of 23 AWG solid bare copper
- Every pull box or spool is tested for electrical performance
- Longitudinal rip cord for easy jacket opening

PRODUCT DESCRIPTION

- Related temperature : 60°C, 75°C
- Reference standard : UL1685, ANSI/UL444, TIA/EIA 568B
- UL Certified : File No. E318732
- Color - coded PE Insulation
- Rip cord
- Lead free PVC jacket
- Reelex Pull out box packing

SPECIFICATIONS

Part No.	MK4-6305
Construction	UTP, CAT 6
Conductor	23 AWG , solid bare copper
No. of Pairs	4 pairs
Nom O.D.	5.0 ± 0.2mm
Jacket	FRPVC
Jacket Color	Beige
Flame Rating	CM
Packing	305m (1000ft) / Box

ELECTRICAL CHARACTERISTICS

- Impedance: 100 ± 15 Ohms
- Mutual Capacitance, max. nf/ 100m: 5.6
- DC Resistance, max. Ohms/ 100m: 9.38
- Capacitance Unbalance (Pair to Ground): 330 pf/ 100m max.

Frequency (MHz)	Attenuation Max. dB/ 100m	NEXT dB/ 100m	Power Sum Minimum dB/ 100m	EFLEXT (dB/ 100m)
1	2.0	74.3	72.3	67.0
4	3.8	65.3	63.3	55.0
10	6.0	59.3	57.3	46.8
16	7.6	56.2	54.2	42.7
20	8.5	54.8	52.8	40.8
31.25	10.7	51.9	49.9	36.9
62.5	15.5	47.4	45.4	30.9
100	19.9	44.3	42.3	26.8
200	29.2	39.8	37.8	20.8
250	33.0	38.3	36.3	18.8