

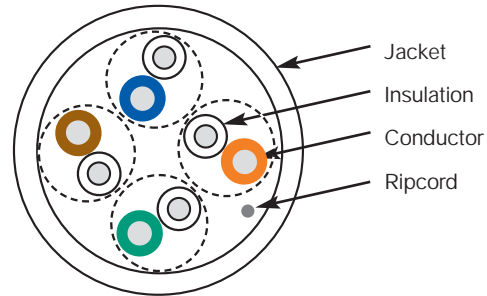
# Category 5e UTP 5eLAN<sup>®</sup>



Tested to 200 MHz

5eLAN is an enhanced Category 5e grade unshielded twisted pair (UTP) cable. ETL verified to ANSI/TIA-568-C.2 Category 5e and Mohawk internal 5eLAN specification.

- **25-Year Warranty\***
- **Sweep tested to 200 MHz** – with verified stability
- **14 dB Minimum ACR @ 100 MHz**
- **.25 ns/meter Maximum Skew** – tightly controlled propagation delay



This cable and/or its manufacture are covered by US Patent No. 5,424,491.

\* Warranty available with MAC program.

Mohawk Part No.	Cable Type	Dielectric Type	Jacket Type Diameter		Weight		Listings
			inch	mm	lbs/M'	kg/km	
M57554 Riser	4 PAIR 24 AWG UTP	Thermoplastic	White PVC .190	4.83	21	31	C(UL)US or ETL CMR
M57547 Plenum	4 PAIR 24 AWG UTP	Dual Insulation** FEP on all 4 pairs	White ThermoPlen®* .190	4.83	24	36	C(UL)US or ETL CMP

\*Plenum rated Thermoplastic. \*\*US Patent No. 5,563,377. For pair colors see chart A on page 50.

### Jacket Colors for 4-Pair Riser

Jacket Color	Mohawk #	Jacket Color	Mohawk #
WHITE	M57554	GREEN	M57557
BLUE	M57553	RED	M58008
PINK	M57555	ORANGE	M58009
YELLOW	M57556	BLACK	M58010
GRAY	M57552	VIOLET	M58007

### Jacket Colors for 4-Pair Plenum

Jacket Color	Mohawk #	Jacket Color	Mohawk #
WHITE	M57547	GREEN	M57551
BLUE	M57546	RED	M57887
PINK	M57548	ORANGE	M57924
YELLOW	M57550	BLACK	M57936
GRAY	M57545	VIOLET	M57761

Custom colors available; please consult the factory.

FREQ (MHz)	INSERTION LOSS			NEXT		ACR	PS-NEXT		PS-ACR	ELFEXT	PS-ELFEXT	RL
	avg (dB/100m)	max (dB/mft)	max (dB/100m)	avg (dB/100m)	min (dB/100m)	min (dB/100m)	avg (dB/100m)	min (dB/100m)	min (dB/100m)	min (dB/100m)	min (dB/100m)	min (dB)
1.0	1.8	2.0	6.3	77	66.3	64.3	68	62.3	60.3	63.8	60.8	20.0
4.0	3.8	4.1	13	68	57.3	53.2	57	53.3	49.2	51.8	48.8	23.0
10.0	6.0	6.5	20	62	51.3	44.8	52	47.3	40.8	43.8	40.8	25.0
20.0	8.6	9.3	28	58	46.8	37.5	48	42.8	33.5	37.8	34.8	25.5
31.25	10.9	11.7	36	56	43.9	32.2	46	39.9	28.2	33.9	30.9	23.6
62.5	15.8	17.0	52	52	39.4	22.4	42	35.4	18.4	27.9	24.9	21.5
100.0	20.5	22.0	67	48	36.3	14.3	38	32.3	10.3	23.8	20.8	20.1
200.0	30.2	32.4	99	43	31.8	-	33	27.8	-	17.8	14.8	18.0

Values above 100 MHz are for engineering information only.



Safety listed to NEC (NFPA 70)



Verified by ETL to TIA/EIA-568-B.2-1