

Elite 1000X™ CAT6 550 MHz LAN 4 *UTP Stranded Cable

Construction:

*Unshielded Twisted Pair

Item #	Flame Rating	Jacket	Color	Wt. Lb. / Wt.Kg	O.D.	Packaging Put-Up
TPM2404N70xx	CM	PVC	xx	28 / 12.7	5.40 ± .2mm	1000' Reel in Box

xx= (BU) Blue, (BK) Black, (GY) Gray, (WH) White, (YE) Yellow, (RE) Red, (GR) Green, OR (Orange), VI (Violet), PI (Pink)

Industry Standards:

UL/cUL Listed CMR, CMP
 UL, ETL Verified to Standards
 ISO/IEC-11801
 NEMA WC 63.1

Material Descriptions:

Conductor: 24AWG bare stranded copper
 Insulation: HDPE

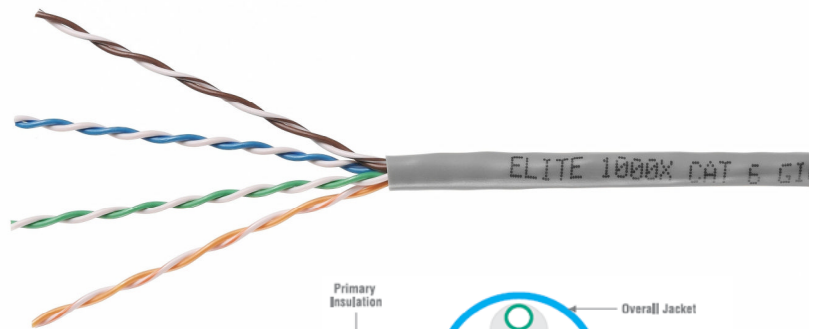
Ripcord: Under jacket
 Jacket: PVC

Applications:

Gigabit Ethernet
 ATM 622 or higher
 Broadband video
 (77 channels, 400MHz)

Product Electrical Characteristics:

Impedance: 100±15ohms
 Mutual Capacitance (max. nf/1000ft): 56
 DC Resistance (max. Ohms/1000ft): 28.6
 DC Resistance Unbalance of a pair: 5% max
 Propagation Delay Skew: 536 nS/100M
 Capacitance Unbalance (Pair to Ground): 3300pf/Km Max
 Normal Velocity of Propagation: 66%



Frequency MHz	ATT Max	NEXT Min	ACR Min	PS.NEXT Min	PS.ACR Min	ELFEXT Min	PS.ELFEXT Min	R.L. Min
1	2.4	74.3	71.9	72.3	69.9	67.8	64.8	20
4	4.6	65.3	60.7	63.3	58.7	55.7	52.7	23
8	6.4	60.8	54.4	58.8	52.4	49.7	46.7	24.5
10	7.2	59.3	52.1	57.3	50.1	47.8	44.8	25
16	9.1	56.3	47.2	54.3	45.2	43.7	40.7	25
20	10.2	54.8	44.6	52.8	42.6	41.7	38.7	25
25	11.4	53.3	41.9	51.3	39.9	39.8	36.8	24.2
31.25	12.8	51.9	39.1	49.9	37.1	37.9	34.9	23.3
62.5	18.5	47.4	28.9	45.1	26.9	31.8	28.8	20.7
100	23.8	44.3	20.5	42.3	18.5	27.8	24.8	19
155	30.2	41.5	11.3	39.5	9.3	23.9	20.9	17.4
200	34.8	39.8	5	37.8	3	21.7	18.7	16.4
250	39.3	38.3	0	36.3	NA	19.8	16.8	15.6
300	43.7	37.2	NA	35.2	NA	18.3	15.3	14.9
400	51.6	35.3	NA	33.3	NA	15.8	12.8	13.8
500	58.7	33.8	NA	31.8	NA	13.8	10.8	13
550	62.2	33.2	NA	31.2	NA	13	10	12.6

