

Elite 1000X™ CAT6E 600 MHz LAN 4 *UTP Cable

Construction:

*Unshielded Twisted Pair

Item #	Flame Rating	Jacket	Color	Wt. Lb. / Wt.Kg	O.D.	Packaging Put-Up
TUR2404N70xx-S	CMR	PVC Riser	xx	32 / 14.51	6.00 ± .2mm	1000' Reelex
TUP2404N70xx-S	CMP	Plenum	xx	36 / 16.33	6.00 ± .2mm	1000' Reelex

xx= (BU) Blue, (BK) Black, (GY) Gray, (WH) White, (YE) Yellow, (RE) Red, (GR) Green

Industry Standards:

- UL/cUL Listed CMR, CMP
- UL, ETL and 3P Verified to Standards
- ISO/IEC-11801
- NEMA WC 63.1

Applications:

- Gigabit Ethernet
- ATM 622 or higher
- Broadband video
- (77 channels, 600MHz)

Product Electrical Characteristics:

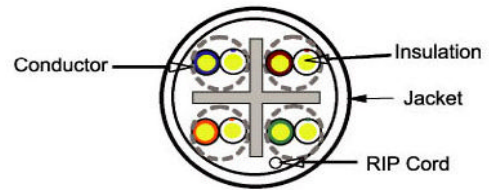
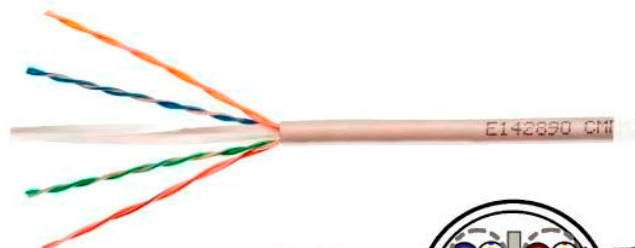
- Impedance: 100±15ohms
- Mutual Capacitance (max. nf/1000ft): 56
- DC Resistance (max. Ohms/1000ft): 28.6
- DC Resistance Unbalance of a pair: 5% max
- Propagation Delay Skew: 25 nS/100M
- Capacitance Unbalance (Pair to Ground): 330pf/Km max
- Normal Velocity of Propagation: 66%-70%
- Attenuation-to-Crosstalk Ratio: At 100MHz: 26.5dB/min.

Material Descriptions:

- Conductor: 23AWG bare solid copper
- Insulation: FRPE (CMR), FEP (CMP)
- Ripcord: Under jacket
- Jacket: FRPVC

Pallet Count

52



At 155MHz: 18.4dB/min. At 250MHz: 7.5dB/min.

Frequency MHz	ATT Max	NEXT Min	ACR Min	PS.NEXT Min	PS.ACR Min	ELFEXT Min	PS.ELFEXT Min	R.L. Min
1	2	76.3	74.3	74.3	72.3	67.8	64.8	20
4	3.8	67.3	63.5	65.3	61.5	55.7	52.7	23
8	5.3	62.8	57.5	60.8	55.5	49.7	46.7	24.5
10	6	61.3	55.3	59.3	53.3	47.8	44.8	25
16	7.6	58.3	50.7	56.3	48.7	43.7	40.7	25
20	8.5	56.8	48.3	54.8	46.3	41.7	38.7	25
25	9.5	55.3	45.8	53.3	43.8	39.8	36.8	24.3
31.25	10.7	53.9	43.2	51.9	41.2	37.9	34.9	23.6
62.5	15.4	49.4	34	47.4	32	31.8	28.8	21.5
100	19.8	46.3	26.5	44.3	24.5	27.8	24.8	20.1
155	25.1	43.5	18.4	41.5	16.4	23.9	20.9	18.8
200	29	41.8	12.8	39.8	10.8	21.7	18.7	18
250	32.8	40.3	7.5	38.3	5.5	19.8	16.8	17.3
300	36.4	39.2	2.8	37.2	0.8	18.2	15.2	16.8
400	43	37.3	-	35.3	-	15.7	12.7	15.9
550	51.8	35.2	-	33.2	-	12.9	9.9	14.9
600	54.5	34.6	-	32.6	-	12.2	9.2	14.7

