

## 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
GCTUR2404N70xx-S	CMR	PVC Riser	xx	32 / 14.51	6.00 ± .2mm	1000' Reelex
GCTUP2404N70xx-S	CMP	Plenum	xx	36 / 16.33	6.00 ± .2mm	1000' Reelex

xx=(BU) Blue, (BLK) 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:**

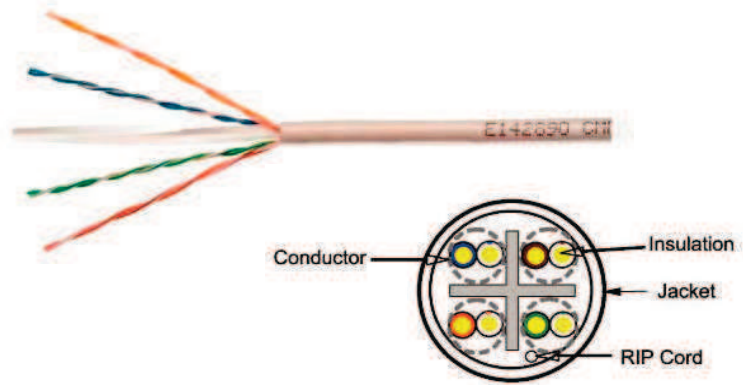
Impedance: 100±15ohms  
Mutual Capacitance (max. nf/1000ft): 56  
DC Resistance (max. Ohms/1000ft): 28.6  
DC Resistance Unbalance of a pair: 5% max  
Propagation Delay Skew: 25 nS/100M  
Capacitance Unbalance (Pair to Ground): 330pf/Km max  
Normal Velocity of Propagation: 66%-70%  
Attenuation-to-Crosstalk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

