

Product Spec



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

xx-S5= 500' Length

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:

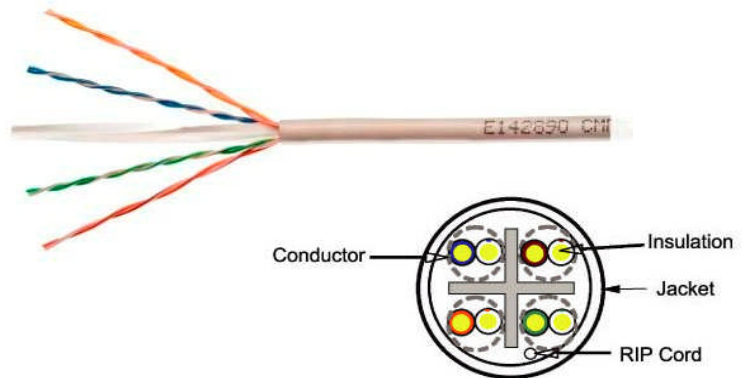
Impedance: 100±15ohms
 Mutual Capacitance (max. nf/1000ft): 56
 DC Resistance (max. Ohms/1000ft): 28.6
 DC Resistance Unbalance of a pair: 5% max
 Propagation Delay Skew: 25 nS/100M
 Capacitance Unbalance (Pair to Ground): 330pf/Km max
 Normal Velocity of Propagation: 66%-70%
 Attenuation-to-Crosstalk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



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

