



(800) 394-3008

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1460 Washington Blvd, A-102 Concord, CA 94521

Elite 1000X™ CAT6 400 MHz LAN 4 *UTP Cable

Construction:

**Unshielded Twisted Pair*

Item #	Flame Rating	Jacket	Color	Wt. Lb. / Wt.Kg		O.D.	Packaging Put-Up
40-CRxx-C6CM-M	CMR	PVC Riser	xx	28	12.7	5.20 ± .2mm	1000' Reelex
40-CRxx-C6CMP-M	CMP	Plenum	xx	31	14.06	5.20 ± .2mm	1000' Reelex

xx= (04) Blue, (08) Black, (10) Gray, (03) White, (02) Yellow, (05) Red, (06) Green

Industry Standards:

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

Material Descriptions:

Conductor: 23 AWG bare solid copper
 Insulation: FRPE (CMR), FEP (CMP)

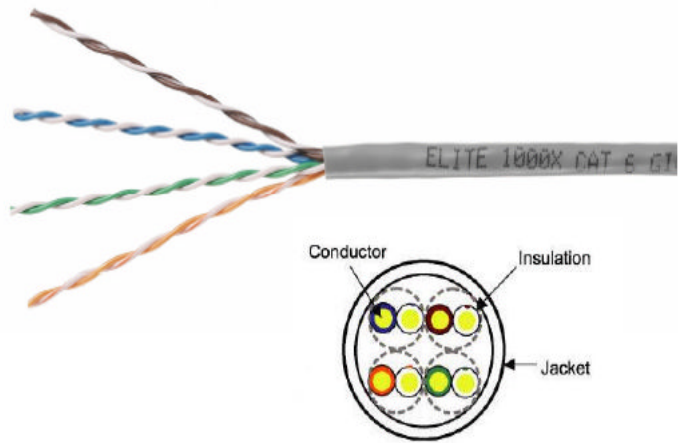
Ripcord: Under jacket
 Jacket: FRPVC

Applications:

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

Product Electrical Characteristics:

Impedance:	100±15ohms
Mutual Capacitance (max. nf/1000ft):	17.1
DC Resistance (max. Ohms/1000ft):	28.6
DC Resistance Unbalance of a pair:	5% max
Propagation Delay Skew:	35 nS/100M
Capacitance Unbalance (Pair to Ground):	330pf/100m max
Normal Velocity of Propagation:	66%,
Attenuation-to-Crosstalk Ratio: At 100MHz:	24.4dB/min. At 155MHz: 16.2dB/min. At 250MHz: 5.3dB/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	74.3	72.3	72.3	70.3	67.8	64.8	20
4	3.8	65.5	61.5	63.3	59.5	55.7	52.7	23
8	5.4	60.8	55.4	28.8	53.4	49.7	46.7	24.5
10	6	59.3	53.3	57.3	51.3	47.8	44.8	25
16	7.6	56.3	48.7	54.3	46.7	43.7	40.7	25
20	8.5	54.8	46.3	52.8	44.3	41.7	38.7	25
25	9.6	53.3	43.7	51.3	41.7	39.8	36.8	24.3
31.25	10.7	51	41.2	49.9	39.2	37.9	34.9	23.6
62.5	15.5	47.4	31.9	45.1	29.9	31.8	28.8	21.5
100	19.9	44.3	24.4	42.3	22.4	27.8	24.8	20.1
155	25.3	41.5	16.2	39.5	14.2	23.9	20.9	18.8
200	29.2	39.8	10.6	37.8	8.6	21.7	18.7	18
250	33	38.3	5.3	36.3	3.3	19.8	16.8	17.3
300	36.4	37.2	0.08	35.2	0	18.2	15.2	16.8
400	43	35.3	0	33.3	-	15.7	12.7	15.9

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