



Product Spec

ABA Industry, Inc., 1229 E. W...

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

Construction:

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

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

Industry Standards:

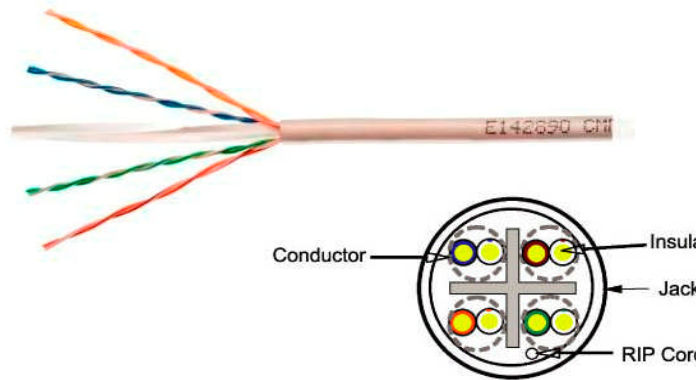
- UL/cUL Listed CMR, CMP
- UL, ETL and 3P Verified to Standards
- ISO/IEC-11801
- NEMA WC 63.1

Applications:

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

Material Descriptions:

- Conductor: 23AWG bare solid copper for CMP, 24AWG for CMR
- Insulation: FRPE (CMR), FEP (CMP)
- Ripcord: Under jacket
- Jacket: FRPVC



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.

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





alnut St., Carson, CA 90746

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**Unshielded Twisted Pair*

Packaging Put-Up
1000' Reelex
1000' Reelex

Pallet Count

52

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R.L. Min
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