

# Elite CAT5E 350 MHz DIRECT BURIAL Cable

**Construction:**

Item #	Flame Rating	Jacket	Color	Wt. Lb. / Wt.Kg	O.D.	Style	Pkg.
TUM2404DBC	CMX	PE	Black	24 / 10.89	7.2 ± .2mm	UTP	1000' Reel
TSX2404P03	CMX	PE	Black	26 / 11.79	6.4 ± .2mm	STP	1000' Reel

**Industry Standards:**

UL444  
 UL, ETL and 3P Verified to Standards  
 ISO/IEC-11801  
 TIA/EIA 568-B.2  
 RoHS

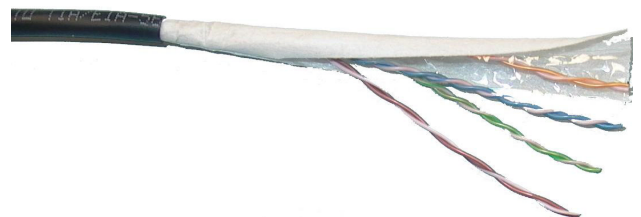
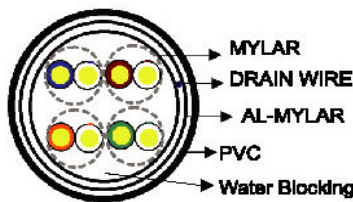
**Applications:**

10 BaseT, 100 BaseT, ATM 155  
 100 Vg-AnyLAN, Token Ring  
 TP-PMD, 100 Mbs CDDI

**Material Descriptions:**

Conductor: 24AWG bare solid copper  
 Insulation: HDPE

Ripcord: Under jacket  
 Jacket: CMX, UV Rated



**Product Electrical Characteristics:**

**Impedance:** 1 ~ 350MHz 100±15ohms  
**Cold Bend Test:** -20°C x 48Hrs. No Crack  
**Structural Return Loss: 350MHz** 10.6 dB Min.  
**DC Resistance Unbalance of a pair:** 5% max  
**Delay Skew:** 350MHz 45 nS/100M Max.  
**Capacitance Unbalance (Pair to Ground):** 3300pf/Km Max  
**Propagation Delay:** 350MHz 536nS/100m Max.  
**Attenuation-to-Crosstalk Ratio: At 100MHz:** 13.3dB/min.

Shielded: PE Jacket, AL-Mylar, Water Blocking Tape  
 Tinned Copper Drain Wire

Frequency MHz	ATT Max	NEXT Min	ACR Min	PS.NEXT Min	PS.ACR Min	ELFEXT Min	PS.ELFEXT Min	R.L. Min
1	2	65.3	63.3	62.3	60.3	63.8	60.8	20
4	4.1	56.3	52.2	53.3	49.2	51.7	48.7	23
8	5.8	51.8	46	48.8	43	45.7	42.7	24.5
10	6.5	50.3	43.8	47.3	40.8	43.8	40.8	25
16	8.2	47.3	39.1	44.3	36.1	39.7	36.7	25
20	9.3	45.8	36.5	42.8	33.5	37.8	34.8	25
25	10.4	44.3	33.9	41.3	30.9	35.8	32.8	24.3
31.25	11.7	42.9	31.2	39.9	28.2	33.9	30.9	23.6
62.5	17	38.4	21.4	35.4	18.4	27.8	24.8	21.5
100	22	35.3	13.3	32.3	10.3	23.8	20.8	20.1
200	32.4	30.8	0	27.8	0	17.8	14.8	18
300	36	28.2	N/A	25.2	N/A	14.2	11.2	16.8
350	44.9	27.1	N/A	24.1	N/A	12.9	9.9	16.3

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