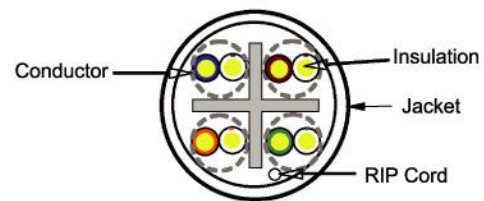


ELITE 1000X™ CATEGORY 6E 600MHz UTP SOLID CABLE



Enhanced High performance ANSI/TIA/EIA 568-B.2.1 CAT 6 compliant Category 6 ENHANCED UTP cables for mission critical LAN applications or future proofing your Structured Cabling Systems. These cables are characterized to 600MHz, Powersum NEXT tested and are manufactured at our UL and BSI Certified ISO-9001 state-of-the-art manufacturing and testing facility. For installer friendly, high performance cables at affordable prices, look no further than Elite 1000X 600MHz CAT6E bulk cables.



■ CABLE DATA

PRODUCT NO.	INSULATION THICKNESS (mm/inch)	DIAMETER (mm/inch)	WEIGHT (lb/kg)	FLAME RETARDANT RATING
TUR2404N70xx-S	0.220/ 0.0087	6.1 / 0.240	26.1 / 11.8	CMR
TUP2404N70xx-S	0.210/ 0.0083	6.0 / 0.236	29.1 / 13.2	CMP

■ PRODUCT ELECTRICAL CHARACTERISTICS

- Features: Impedance 100 +/- 15 ohms
- Mutual Capacitance, MAX. nf/1000ft 17.1
- DC Resistance, MAX. Ohms/1000ft 28.6
- DC Resistance, unbalance of a pair: 5% MAX
- Capacitance unbalance(pair to ground): 330pF/100m MAX.
- Propagation delay skew: 30nS/100M

FREQUENCY (MHz)	ATT MAX. (dB/100m)	NEXT MIN.(dB)	ACR MIN.(dB)	PS.NEXT MIN.(dB)	PS.ACR MIN.(dB)	ELFEXT MIN.(dB/100m)	PS.ELFEXT MIN.(dB/100m)	RL MIN.(dB)
1	2.0	76.3	74.3	74.3	72.3	67.8	64.8	20.0
31.25	10.7	53.9	43.2	51.9	41.2	37.9	34.9	23.6
62.5	15.4	49.4	34.4	47.1	31.7	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	29.0	41.8	12.8	39.8	10.8	21.7	18.7	18.0
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	43.0	37.3	N.A	35.2	N.A	15.7	12.7	15.9
550	51.8	37.2	N.A	33.2	NA	12.9	9.9	14.9
600	54.5	36.6	N.A	32.6	NA	12.2	9.2	14.7

■ APPLICATIONS

- 10 BASE T(IEEE 802.3)
- 100 BASE T(IEEE 802.3U)
- 100 Vg-any LAN(IEEE 802.12)
- TOKEN RING(IEEE 805.5)
- TP-PMD9ANSI X3T9.5)
- n100 MbPS CDDI
- ATM 155
- ATM 622 1000 Base-T

■ INDUSTRY STANDARDS

- UL/CSA LISTED CM, CMR, CMP, LSOH
- UL, ETL AND 3P VERIFIED TO ANSI/TIA/EIA568-B.2.1 CAT 6
- ISO/IEC 11801 class E
- NEMA WC 66
- PrEN 50288-6-1

■ PRODUCT DESCRIPTION

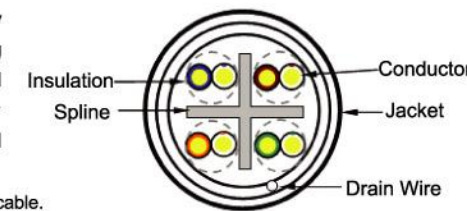
CONDUCTOR: 23 AWG BARE SOLID COPPER
 INSULATION: HDPE, FEP
 RIPCORD: UNDER JACKET
 JACKET: FRPVC



ELITE 1000X™ CATEGORY 6E 600MHz FTP SOLID CABLE



High performance ANSI/TIA/EIA 568-B.2.1 CAT 6 compliant Category 6 UTP cables for mission critical LAN applications or future proofing your Structured Cabling Systems. These cables are characterized to 600MHz, Powersum NEXT tested and are manufactured at our UL and BSI Certified ISO-9001 state-of-the-art manufacturing and testing facility. For installer friendly, high performance cables at affordable prices, look no further than Elite 1000X 600MHz CAT6E cable.



■ CABLE DATA

TYPE	PRODUCT NO.	INSULATION THICKNESS (mm/inch)	DIAMETER (mm/inch)	WEIGHT (lb/kg)	FLAME RETARDANT RATING
Solid	TSR2404N70	0.245 / 0.0096	7.2 / 0.283	32.2 / 14.6	CMR
	TSP2404N70	0.230 / 0.0096	7.0 / 0.276	33.9 / 15.4	CMP

■ PRODUCT ELECTRICAL CHARACTERISTICS

- Features: Impedance 100 +/- 15 ohms
- Mutual Capacitance, MAX. nf/1000f 17.1
- DC Resistance, MAX. Ohms/1000ft 28.6
- DC Resistance, unbalance of a pair: 5% MAX
- Capacitance unbalance(pair to ground): 330pF/100m MAX.
- Propagation delay skew: 30nS/100M

FREQUENCY (MHz)	ATT MAX. (dB/100m)	NEXT MIN.(dB)	ACR MIN.(dB)	PS.NEXT MIN.(dB)	PS.ACR MIN.(dB)	ELFEXT MIN.(dB/100m)	PS.ELFEXT MIN.(dB/100m)	RL MIN.(dB)
1	2.0	74.3	72.3	72.3	70.3	70.3	64.8	20.0
31.25	10.7	51.9	41.2	49.9	39.2	39.2	34.9	23.6
62.5	15.4	47.4	32.0	45.1	30.0	30.0	28.8	21.5
100	19.8	44.3	24.5	42.3	22.5	22.5	24.8	20.1
155	25.1	41.5	16.4	39.5	14.4	14.4	20.9	18.8
200	29.0	39.8	10.8	37.8	8.8	8.8	18.7	18.0
250	32.8	38.3	5.5	36.3	3.5	3.5	16.8	17.3
300	36.4	37.2	0.8	35.2	0	0	15.2	16.8
400	43.0	35.3	N.A	33.3	N.A	N.A	12.7	15.9
550	51.8	35.2	N.A	31.2	N.A	N.A	9.9	14.9
600	54.5	34.6	N.A	30.6	N.A	N.A	9.2	14.7

■ APPLICATIONS

- 10 BASE T(IEEE 802.3)
- 100 BASE T(IEEE 802.3U)
- 100 Vg-any LAN(IEEE 802.12)
- TOKEN RING(IEEE 805.5)
- TP-PMD9ANSI X3T9.5)
- 100 MbPS CDDI
- ATM 155
- ATM 622 1000 Base-T

■ INDUSTRY STANDARDS

- UL/CSA LISTED CM, CMR, CMP, LSOH
- UL, ETL AND 3P VERIFIED TO ANSI/TIA/EIA568-B.2.1 CAT 6
- ISO/IEC 11801 class E
- NEMA WC 66
- PrEN 50288-6-1

■ PRODUCT DESCRIPTION

CONDUCTOR: 23 AWG BARE SOLID COPPER
 INSULATION: HDPE, FEP
 SHIELD: Mylar-Aluminum/Mylar tape
 RIPCORD: UNDER JACKET
 JACKET: FRPVC

