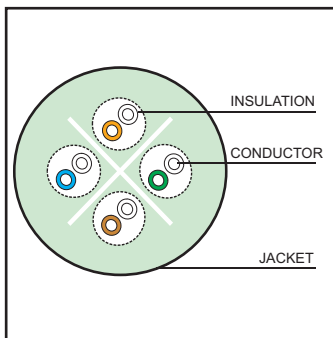




These new generation of category 6 UTP cables can potentially transmit data at rates several times faster than ultra enhanced Category 5 cable. It is designed with headroom for tomorrow's emerging high-speed LAN technologies.

Product Description:

- Conductor: 23AWG Bare Solid Copper
- Insulations: HDPE, FRPE
- Ripcord: Under jacket
- Jacket: FRPVC or LSFROH
Non-Plenum are CMR flame rated



Product Electrical Characteristics:

- Impedance : 100+/-15ohms
- Mutual capacitance, max. Nf/1000ft : 17.1
- DC Resistance, max.Ohms/1000ft : 28.6
- DC Resistance Unbalance of apair : 5% max.
- Capacitance Unbalance (Pair to Ground): 330pf/100m max.
- Propagation delay Skew : 25ns/100M.
- Normal Velocity of Propagation : 66%

Industry Standards:

- UL/CSA Listed CMR
- UL and ETL verified to ANSI/TIA/EIA-568/B.2.1 Cat6
- ISO/IEC-11801
- NEMA WC 63.1
- En50173

Applications

- 10 BaseT, 100BaseTX, 1000BaseT
- 4-16Mbit Token Ring
- 622-155Mbit ATM
- ISDN
- Analog Voice

Frequency Mhz	ATT MAX.	NEXT MIN.	ACR MIN.	PS. NEXT MIN.	PS. ACR MIN.	ELFEXT MIN.	PS.ELFEXT MIN.	R.L. MIN.
1	2.0	74.3	72.3	72.3	70.3	67.8	64.8	20.0
4	3.8	65.3	61.5	63.3	59.5	55.8	52.8	23.0
8	5.3	60.8	55.5	58.8	53.5	49.7	46.7	24.5
10	6.0	59.3	53.3	57.3	51.3	47.8	44.8	25.0
16	7.6	56.2	48.6	54.2	46.6	43.7	40.7	25.0
20	8.5	54.8	46.3	52.8	44.3	41.8	38.8	25.0
25	9.5	53.3	43.8	51.3	41.8	39.8	36.8	24.3
31.25	10.7	51.9	41.2	49.9	39.2	37.9	34.9	23.6
62.5	15.4	47.4	32.0	45.4	30.0	31.9	28.9	21.5
100	19.8	44.3	24.5	42.3	22.5	27.8	24.8	20.1
200	29.0	39.8	10.8	37.8	8.8	21.8	18.8	18.0
250	32.8	38.3	5.5	36.3	3.5	19.8	16.8	17.3

Ordering Information:

Part No: XP-C6-UTP

Description: XPCable CAT6 UTP solid cable 305m box



ELECTRONICS CO., LTD.

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