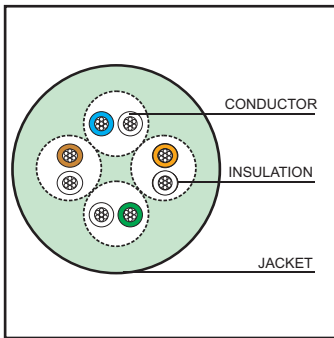




These new generation of category 6 UTP cables can potentially transmit data at rates several times faster than ultra enhanced Category 5 cable. It is designed with headroom for tomorrow's emerging high-speed LAN technologies.

**Product Description:**

- Conductor: 24AWG Bare Copper Stranded
- Insulations: HDPE,FRPE
- 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	2.4	74.3	71.9	72.3	69.9	67.8	64.8	20.0
4	4.6	65.3	60.7	63.3	58.7	55.8	52.8	23.0
8	6.4	60.8	54.4	58.8	52.4	49.7	46.7	24.5
10	7.2	59.3	52.1	57.3	50.1	47.8	44.8	25.0
16	9.1	56.2	47.1	54.2	45.1	43.7	40.7	25.0
20	10.2	54.8	44.6	52.8	42.6	41.8	38.8	25.0
25	11.4	53.3	41.9	51.3	39.9	39.8	36.8	24.2
31.25	12.8	51.9	39.1	49.9	37.1	37.9	34.9	23.3
62.5	18.5	47.4	28.9	45.4	26.9	31.9	28.9	20.7
100	23.8	44.3	20.5	42.3	18.5	27.8	24.8	19.0
200	34.8	39.8	5.0	37.8	3.0	21.8	18.8	16.4
250	39.4	38.3	0	36.3	0	19.8	16.8	15.6

<b>Ordering Information:</b>	<b>Part No: XP-C6-UTP</b>	<b>Description: XPCable CAT6 UTP Stranded cable 305m box</b>
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**ELECTRONICS CO., LTD.**

RM A206, 11FL.,No. 51 Hengyang Road, Taipei 100, Taiwan, R.O.C.

[www.xpcable.com](http://www.xpcable.com)