

Category 6 U/UTP Cable



WONDERFUL

- 符合ANSI/TIA-568.2-D、ISO/IEC 11801 Class E、EN50173 規範設計製造
- 通過多種國際安規認證
- 芯線為4對24AWG單芯裸銅線，銅導體外具有HDPE材質被覆絕緣
- 採用新型易拉箱 (REELEX II) 專利出線口，可同時多箱拉線、易於分辨不打結
- 中心十字型隔離設計有效降低各對線之間的串擾
- 頻寬特性可達500MHz，延遲誤差： $<35\text{ns}/100\text{m}$
- 通過歐洲化學總署 (ECHA) ROHS (6大重金屬) 及SVHC (224項有害物質) 檢驗合格
- 適用於水平和建築物主幹電纜的結構化佈線
- 可用在數位/類比訊號傳輸及視頻/音頻上的應用

◆ 國際認證

- UL/UL CSA
- CE Compliance
- ETL
- EC LVD
- 3P
- EU RoHS2
- ROHS
- SVHC

◆ 應用標準

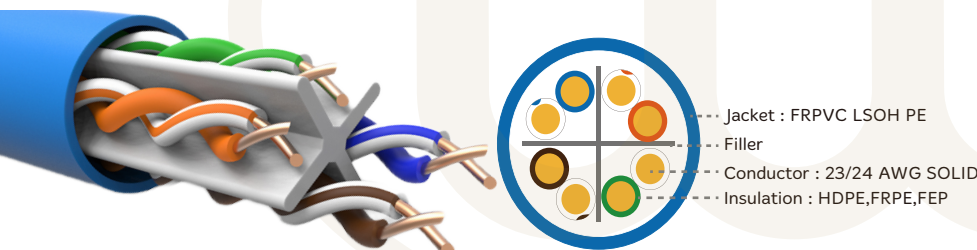
- ANSI/TIA-568.2-D
- ISO/IEC 11801 2nd Class E
- NEMA WC 63.1
- PrEN 50288-6-1
- IEC 61156-5
- UL 444
- CSA 22.2 No.214

◆ 耐燃標準

- CMP (NFPA 262)
- CMR (UL 1666)
- CM (UL 1685)
- CMX
- LSZH (IEC 60332-1)
- FRLSZH (IEC 60332-3-24C)
- CPR
- CMR-LSHF

◆ 電氣性能

- Impedance : $100 \pm 15 \Omega$
- Conductor DC Resistance $\leq 9.38 \Omega/100\text{m}$
- Resistance, unbalance $\leq 5\%$
- Spark test: 2.5 KV DC
- Capacitance unbalance pair to ground $\leq 330\text{pF}/100\text{m}$
- Propagation delay skew: $35\text{nS}/100\text{M}$
- Operating Voltage, maximum: 80 V
- Insulation resistance: $\geq 5000 \text{M}\Omega \cdot \text{km}$
- Installation Temperature: 0°C to $+60^\circ\text{C}$
- Operating Temperature: -20°C to $+60^\circ\text{C}$
- Cable cold bend: -20°C for 4 hr
- Dielectric strength: 1.5 KV ac for 2 s
- Mutual capacitance: $\leq 5.6 \text{nF}/100\text{m}$



Frequency (MHz)	IL Max. dB/100m	NEXT Min. dB/100m	PS.NEXT Min. dB/100m	ACR Min. dB/100m
100	<19.8	>44.3	>42.3	>24.5
250	<32.8	>38.33	>36.33	>5.48
400	<42.97	>35.27	>33.27	N.A.
500	<48.94	>39.82	>37.82	N.A.

產品編號	產品描述	單位
TUM24046XX	CAT.6 U/UTP CM Solid 24AWG	305M/BOX
TUL23046XX	CAT.6 U/UTP LSOH Solid 23AWG	305M/BOX
TUM23046XX	CAT.6 U/UTP CM Solid 23AWG	305M/BOX

★ (xx)Color :

◆ 應用範圍

- 10 / 100 / 1G Base-t IEEE 802.3 i / u / ab.
- CDDI / FDDI / ATM / Token Ring.
- IEEE 802.3af (PoE) / IEEE 802.3at (PoE+)
- Limit Power -LP UL POE Safety standard.
- HDBaseT 2.0 standard.
- EtherCAT Industrial standard.

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本產品型錄規格如有爭議以本公司解釋為主並保留變更修正之權利

◆ WONDERFUL HI-TECH CO., LTD.
http://www.wontex.com

◆ WONDERFUL WIRE & CABLE CO., LTD (VIETNAM)
http://www.wvt-wonderful.com/

◆ SHANGHAI ELITECH TECHNOLOGY CO., LTD.
http://www.wontex.com.cn

◆ WANSHIH ELECTRONIC CO.,LTD
http://www.wanshih.com.tw

◆ WONDERFUL CABLING SYSTEMS
http://www.wondernet.com.tw

◆ ABA INDUSTRY INC.(U.S.A)
http://www.aba-cable.com

◆ THAI WONDERFUL WIRE CABLE CO., LTD.
(THAILAND)
http://www.thaiwonderful.com

◆ WONDERFUL PHOTOELECTRICITY
(DONG GUAN) CO., LTD.
http://www.wonderful-wire.com.cn