

Category 5E U/UTP cable



WONDERFUL

· 符合ANSI/TIA-568.2-D、ISO/IEC 11801 Class D、EN50173 規範設計製造

· 通過多種國際安規認證

· 採用新型易拉箱 (REELEX II) 上顏色區分, 可同時拉線易於分辨不打結

· 頻寬特性可達350MHz, 延遲誤差: <40 ns/100m

· 通過歐洲化學總署 (ECHA) 高關注物質篩檢規範

· ROHS (6大重金屬) 及SVHC (235項高關注有害物質) 檢驗合格

◆ 國際認證

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

◆ 應用標準

- ANSI/TIA-568-C.2/ANSI/TIA-568.2-D
- ISO/IEC 11801 2nd Class D
- NEMA WC 63.1
- PrEN 50288-3-1
- IEC 61156-5

◆ 耐燃標準

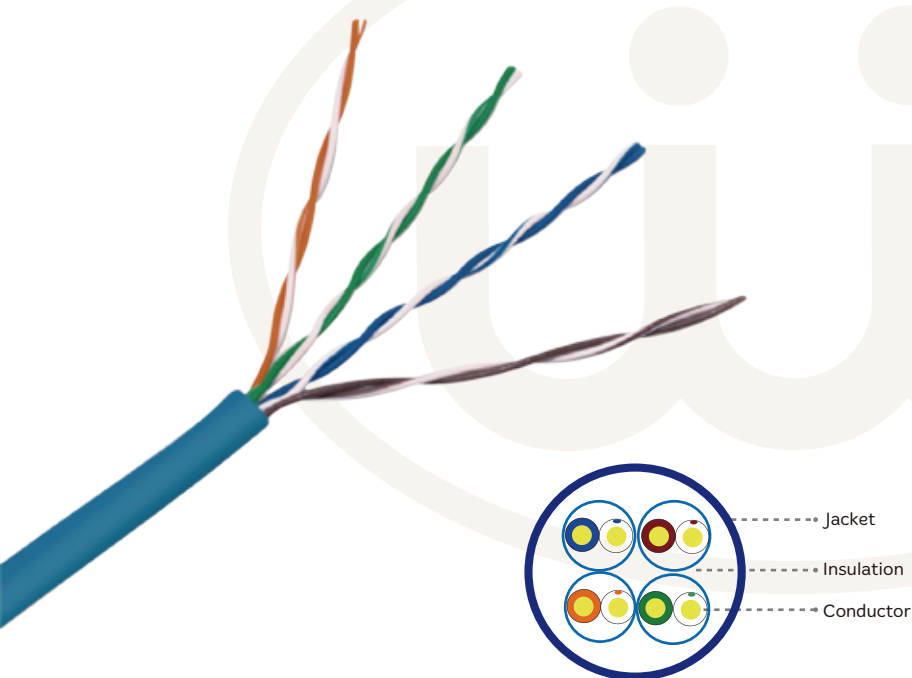
- CMP (NFPA 262)
- CMR (UL 1666)
- CM (UL 1685)
- CMX
- LSZH (IEC 60332-1)
- FRLSZH (IEC 60332-3-24C)

◆ 電氣性能

- Impedance: 100 +/- 15 ohms
- DC Resistance, MAX: 9.38 ohms/100 m
- DC Resistance, unbalance of a pair: 3% Max
- Spark test: 2.5 KV DC
- Capacitance unbalance: 330pF/100m Max
- Propagation delay skew: 40nS/100M
- Operating Voltage, maximum: 80 V
- Insulation resistance: $\geq 5000 \text{ M}\Omega \cdot \text{km}$
- Installation Temperature: 0°C to +60°C
- Operating Temperature: -20°C to +60°C
- Cable cold bend: -20°C for 4 hr
- Dielectric strength: 1.5 KV ac for 2 s
- Mutual capacitance: $\leq 5.6 \text{ nF/100m}$

◆ 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.



Frequency (MHz)	IL Max.	NEXT Min.	PS.NEXT Min.	ACR Min.
	dB/100m	dB/100m	dB/100m	dB/100m
100	<21.98	>35.30	>32.30	>13.3
350	<44.85	>27.14	>24.14	N.A.

產品編號	產品描述	單位
TUM2404XX	CAT.5E U/UTP CM Solid 24AWG	305M/BOX
TUL2404XX	CAT.5E U/UTP LSOH Solid 24AWG	305M/BOX

★ (xx)Color:

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改之權利

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

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

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

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

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

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

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

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