

Category 6 F/UTP Cable



WONDERFUL

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

· 金屬鉛箔遮蔽式電纜

· 通過多種國際安規認證

· 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：<35ns/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 (224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

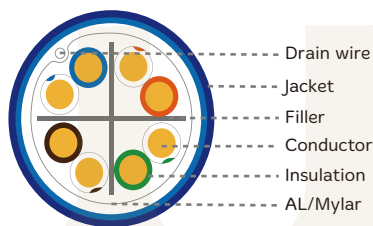
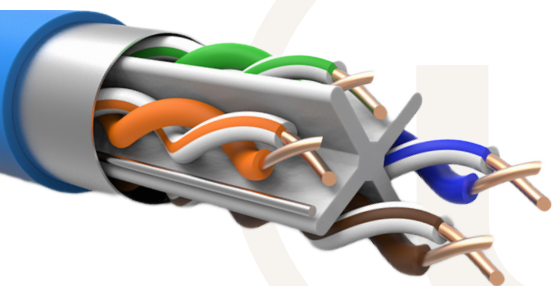
- ANSI/TIA-568.2-D
- ISO/IEC 11801 2nd Class E
- NEMA WC 63.1
- PrEN 50288-6-1
- IEC 61156-5

◆ 耐燃標準

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

◆ 電氣性能

- Impedance : 100 +/- 15 ohms
- DC Resistance, MAX:9.38 ohms/100 m
- DC Resistance, unbalance of a pair: 5% Max
- Spark test: 2.5 KV DC
- Capacitance unbalance: 330pF/100m Max
- Propagation delay skew: 35nS/100M
- Operating Voltage, maximum:80 V
- Insulation resistance: $\geq 5000 M\Omega \cdot km$
- 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: $\leq 5.6 nF/100m$



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	>24.50
250	<32.85	>38.33	>36.33	N.A.
400	<42.97	>35.27	>33.27	N.A.

產品編號	產品描述	單位
TSM24046XX	CAT.6 F/UTP CM Solid 24AWG	305M/BOX/REEL
TSM23046XX	CAT.6 F/UTP CM Solid 23AWG	305M/REEL
TSL23046XX	CAT.6 F/UTP LSOH Solid 23AWG	305M/REEL

★ (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.

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 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>