

Category 6A F/UTP cable



WONDERFUL

- 符合ANSI/TIA 568.2-D、ISO/IEC 11801 Class EA、EN50173 規範設計製造
- 芯線為4對23AWG單芯裸銅線銅導體外具有HDPE材質被覆絕緣，以鋁箔遮蔽隔離干擾
- 通過歐洲化學總署 (ECHA) ROHS (6大重金屬) 及SVHC有害物質檢驗合格
- 通過國際第三方實驗室測試報告 (UL、ETL、SGS、3P、Intertek)
- 通過多種國際安規認證
- 採用金屬鋁箔遮蔽纜線
- 四對絞線中央以十字型消除串音管隔離，以提供良好的串音質
- 可依需求提供多種顏色外被之跳接線供現場顏色管理用
- 頻寬特性可達600MHz，延遲誤差：<35 ns/100m。

◆ 國際認證

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

◆ 應用標準

- ANSI/TIA-568-C.2/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

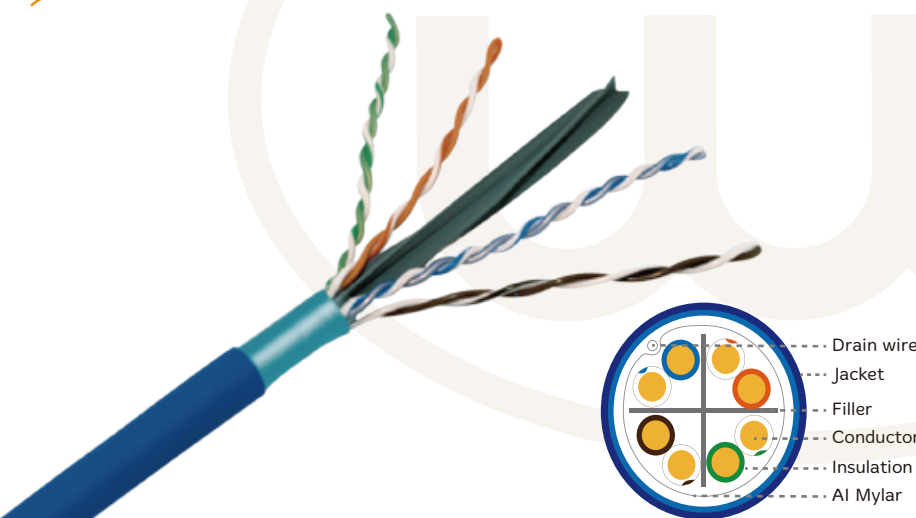
- CMP (NFPA 262)
- CPR
- CMR (UL 1666)
- CMR-LSHF
- CM (UL 1685)
- CMX
- LSZH (IEC 60332-1)
- FRLSZH (IEC 60332-3-24C)

◆ 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: 35nS/100M
- Resistance unbalance ≤ 4%
- Operating Voltage, maximum:80 V
- Insulation resistance: ≥ 5000 MΩ · 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: ≤ 5.6 nF/100m

◆ 應用範圍

- 10 / 100 / 1G /10G Base-t IEEE 802.3 i/u/ab.
- 1.2/2.4Gbps ATM.
- Gigabit Ethernet.
- 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.



TYPE	Frequency	IL	NEXT	PS.NEXT	ACR
	(MHz)	(Max.)	(Min.)	(Min.)	(Min.)
		dB/100m	dB/100m	dB/100m	dB/100m
Solid	100	<19.14	>44.30	>42.30	>25.17
	250	<31.07	>38.33	>36.33	>7.26
	500	<45.26	>33.82	>31.82	N.A.

產品編號 產品描述 單位

TSM2304SXX	CAT.6A F/UTP CM Solid 23AWG	305M / REEL
TSL2304SXX	CAT.6A F/UTP LSOH Solid 23AWG	305M / REEL

★ (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