

LONGTRONIC® ETHERNET FD CAT6A PVC

S/FTP 4x2x26AWG/19

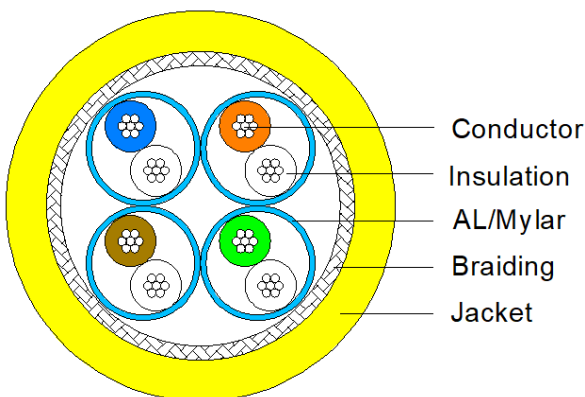
Description

Individual and collective screened lan-cable support excellent EMI performance.

The cable is used for data transmission with characteristic impedance for 100ohm.

26AWG/19 BC conductor, Foam PE insulation, AL/Mylar individual screen, Tinned copper braiding overall screen, PVC jacket.

Design



Conductor 19*0.10mm stranded bare copper wire

Insulation Foam PE

OD:1.05±0.05mm

Color: Pair1:White,Blue

Pair2:White,Orange

Pair3:White,Green

Pair4:White,Brown

Individual AL/Mylar

Overall Tinned copper braiding, coverage≥85%

Jacket PVC

Color :Yellow (Similar to RAL1021)

Thickness: approx 0.65mm

OD:6.50±0.30mm

Marking ZHAOLONG □ LONGTRONIC® □ ETHERNET □ FD □ CAT6A □ S/FTP □ 4PR □ 26AWG/19 □

PVC □ □ □ E324007 □  AWM □ 20276 □ 80 °C □ 30V □ VW-1 □ □ □ XXXXXX □ ****m

Note:

1. □ means blank;
2. XXXXXX means batch number;
3. ****m means meter

Electrical Characteristics(20℃)

Conductor DC resistance	≤ 14.5ohm/100m
DC Resistance Unbalance	≤ 2%
Dielectric Strength	DC1KV for 1min
Insulation Resistance	≥ 5000M Ω · km
Capacitance Unbalance	≤ 160pF/100m
Transmission performance	ANSI/TIA-568.2-D

Frequency MHz	ATT dB Max.	RL dB Min.	NEXT dB Min.	PSNEXT dB Min.	ACRF dB Min.	PS ACRF dB Min.
1	3.0	19.0	65.0	62.0	63.3	60.3
4	4.2	19.0	63.0	60.5	51.2	48.2
8	5.8	19.0	58.2	55.6	45.2	42.2
10	6.5	19.0	56.6	54.0	43.3	40.3
16	8.2	18.0	53.2	50.6	39.2	36.2
25	10.2	17.0	50.0	47.3	35.3	32.3
62.5	16.4	14.0	43.4	40.6	27.3	24.3
100	20.9	12.0	39.9	37.1	23.3	20.3
200	30.1	9.0	34.8	31.9	17.2	14.2
250	33.9	8.0	33.1	30.2	15.3	12.3
300	37.4	7.2	31.7	28.8	13.7	10.7
400	43.7	6.0	28.7	25.8	11.2	8.2
500	49.3	6.0	26.1	23.2	9.3	6.3

NOTE: Category 6A Channel test extreme length 70m.

Other Characteristics

Temperature range	Fixed: -40℃ to +80℃ Moving: +5℃ to +60℃
Min bending radius	Fixed ≥ 4D(Cable diameter) Occasional movement ≥ 8D(Cable diameter)
Flame resistance	IEC 60332-1-2
Oil resistance:	EN 50290-2-22 type TM54, JIS C 3005 type A
UV resistance	UL1581 section1200
Trailing chain test:	≥ 5 million times Drag chain route: 0.6m Bending radius: 50mm Test Acceleration: 60m/s ² Speed: 1.4m/s

This cable meets RoHS requirements

Packing information

Packaging:

500m / drum;

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Prepared by: Cunliang Wang	Checked by: Bin You	Approved by: Yunxiang Yao
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