

FAFX-6A26SLAB (BK)

CAT6A Ethernet flexible cable

Heat resistance ★★★
Oil resistance ★★★★★
Noise resistance ★★★★★
Flame resistance ★★★★★
non-migratory ★★★★★
Transport property ★
※The characteristic is an aim.

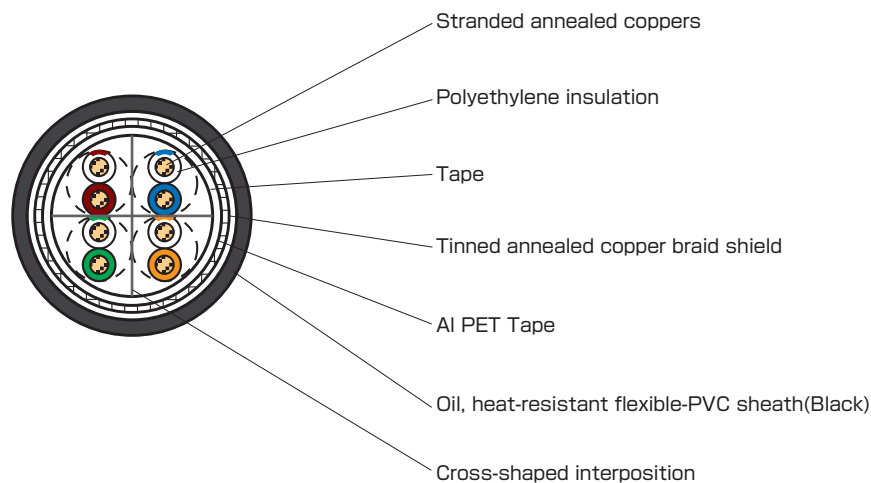
> Application

- Appropriate for wiring in excellent flexibility.
- CAT6A
- Flexible cable with UL,cUL at 30V 80°C. (Category : AVLV2, AVLV8)
- EtherCAT

> Features

- Flame resisting : UL VW-1, cUL FT1.
- Oil, heat, flme resisting flexible PVC material is used for sheath.

> Construction figure



> Surface marking

TAIYO/TSUNET FAFX-6A26SLAB E67647-TK  AWM 20276 VW-1 II A/B 80°C 30V FT1 LF R15 length mark

※R15 indicates "Compliant with RoHS Directive 2011/65/EU and Directive (EU) 2015/863 (10 substances)".

> Identification

Pair number	1	2	3	4
No.1 kind line	Blue/White	Orange/White	Green/White	Brown/White
No.2 kind line	Blue	Orange	Green	Brown

※Blue/White : Blue line is marked on white insulation.

>>> Meeting standard

Certification	UL AWM	cUL AWM
Applicable standard	UL 758	UL C22.2 No.210
Official symbol	UL STYLE 20276	CSA AWM II A/B
Voltage rating	30V	30V
Temperature rating	80°C	80°C
Conductor	UL 758	UL C22.2 No.210
Flame rating	VW-1	FT1



> Construction table

No. of pairs	Conductor		Polyethylene insulation		Oil,heat-resistant flexible-PVC sheath		Approx. weight (lbs/1000ft) (kg/km)	Electrical Characteristics		
	Size (AWG)	Construction (Line/mm)	Outside diameter (inch)	Outside diameter (mm)	Overall diameter approx.(inch)	Overall diameter approx. (mm)		Conductor resistance (Ω/km20°C)	Insulation resistance (MΩkm20°C)	Electrical strength (V/1min.)
4P	26	7/0.17 (7/6.7mil)	0.033	0.84	0.252	6.5	36(54)	less than 168	more than 5,000	AC700

> Electric characteristics (High Frequency)

Electric Characteristics	Frequency (MHz)							
	1	4	16	31.25	100	200	300	500
Insertion Loss (dB/60m)	less than 2.1	less than 3.8	less than 7.5	less than 10.5	less than 19.1	less than 27.6	less than 34.3	less than 45.3
NEXT loss (dB)	more than 74.3	more than 65.3	more than 56.2	more than 51.9	more than 44.3	more than 39.8	more than 37.1	more than 33.8
PSNEXT Loss (dB)	more than 72.3	more than 63.3	more than 54.2	more than 49.9	more than 42.3	more than 37.8	more than 35.1	more than 31.8
Characteristic Impedance (Ω)	85-115							

> Standard sales length

200m

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