HP-SB/20276SR LF

Electronic equipment cable

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

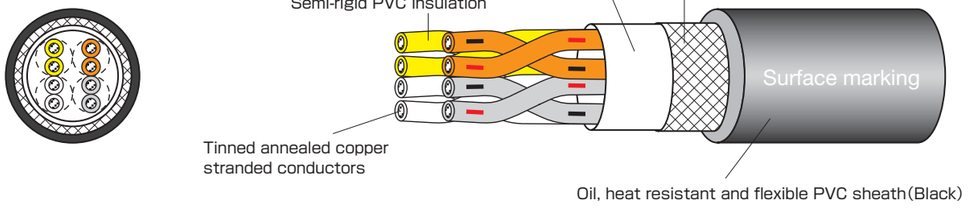
> Application

- Cable for RS232C.
- It is the best for the hafe pitch connector of the insulation displacement type.
- Shielded Electric equipment cable with UL at 30V, 80℃. (Category : AVLV2)

> Feature

- Semi-rigid PVC used for insulation.
- Oil, heat resistant and Flexible PVC sheath material is used.
- Flame resisting:UL VW-1.

> Construction figure

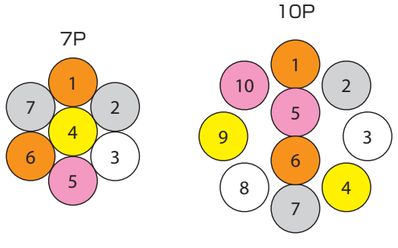


> Surface marking

TAIYO E67647 AWM 20276 80℃ VW-1 LF R15

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

> Identification



Figures ○ indicate pair number in the identification table.

> Standard sales length

100m

> > > Meeting standard

Certification	UL AWM
Applicable standard	UL 758
Official symbol	UL STYLE 20276
Voltage rating	30V
Temperature rating	80℃
Conductor	UL 758
Flame rating	VW-1

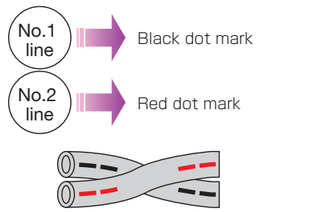
> Identification

●Identification table

Pair number	Color of insulation	Dot mark
1	Orange	
2	Gray	
3	White	
4	Yellow	
5	Peach	
6	Orange	
7	Gray	
8	White	
9	Yellow	
10	Peach	
11	Orange	
12	Gray	
13	White	
14	Yellow	
15	Peach	
16	Orange	
17	Gray	
18	White	
19	Yellow	
20	Peach	
21	Orange	(Continuation)
22	Gray	(Continuation)
23	White	(Continuation)
24	Yellow	(Continuation)
25	Peach	(Continuation)
26	Orange	
27	Gray	
28	White	
29	Yellow	
30	Peach	
31	Orange	
32	Gray	
33	White	
34	Yellow	
35	Peach	

※A short point is 1mm, the length point is 2mm, the interval is 1mm, and the pitch is about 12mm.

●Example of pare



In the color of the insulator, the 1st and 2nd wick line is the same color.

The color of the 1st kind and the 2nd kind of dot mark is a black and red.

> Construction table

No. of pairs	Conductor			Semi-rigid PVC insulation		Oil, heat - resistant flexible - PVC sheath		Approx. weight (lbs/1000ft) (kg/km)	Electrical Characteristics			Allowable ampacity (A)
	Size (AWG)	Construction (Line/mm)	Outside diameter (mm)	Outside diameter (inch)	Outside diameter (mm)	Overall diameter approx.(inch)	Overall diameter approx.(mm)		Conductor resistance (Ω/km20℃)	Insulation resistance (MΩkm20℃)	Electrical strength (V/1min.)	
2P	28 (0.0804㎟)	7/0.127 (7/5mil)	0.38 (15mil)	0.023	0.58	0.165	4.2	16(24)	less than 211	more than 10	500	3.0
3P						0.181	4.6	20(30)				2.5
5P						0.201	5.1	26(38)				2.1
7P						0.220	5.6	31(46)				1.8
10P						0.228	5.8	37(55)				1.6
14P						0.252	6.4	47(70)				1.4
18P						0.283	7.2	57(85)				1.3
20P						0.295	7.5	60(90)				1.3
25P						0.319	8.1	71(105)				1.2
34P						0.346	8.8	87(130)				1.0

> Allowable ampacity

·The allowable ampacity of this catalog is a value at one in the air construction and the ambient temperature 30℃.

·Allowable ampacity is calculated based on JCS0168.

·Please multiply the following correction coefficient by the ambient temperature.

●Adjustment factors(at ambient temperature)

Ambient temperature(℃)	30	40	50	60	70	80	90	100
Adjustment factors	1.00	0.89	0.77	0.63	0.45	—	—	—

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