

# HP-SB/20276SR LF

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

Meeting standard



## Electronic equipment cable

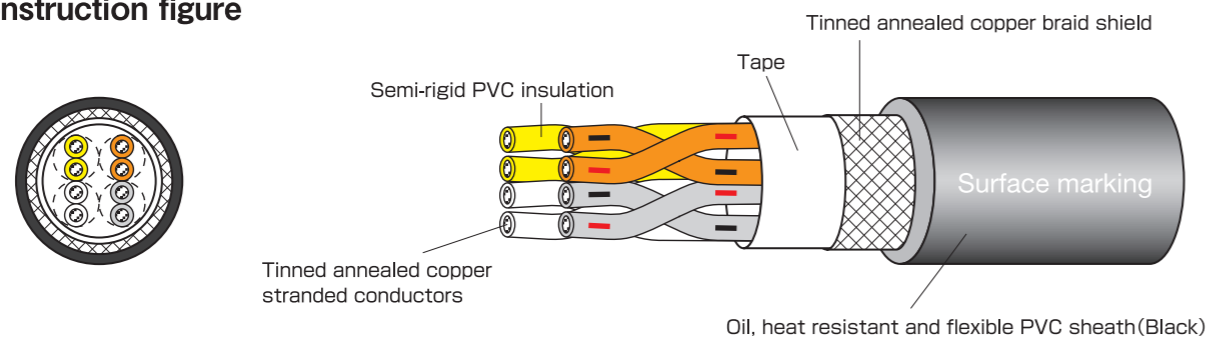
### Application

- 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°C. (Category : AVL2)

### Feature

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

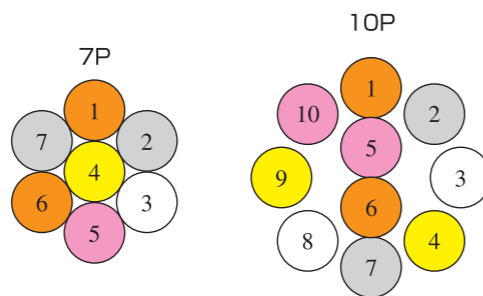
### Construction figure



### Surface marking



### Identification



Figures ○ indicate pair number in the identification table.

### Standard sales length

100m

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

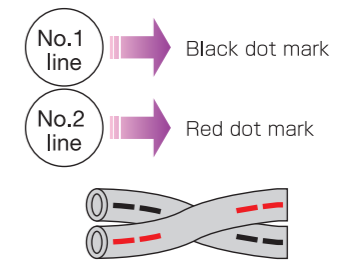
### Identification

#### Identification table

Pair number	Color of insulation	Dot mark	Pair number	Color of insulation	Dot mark	Pair number	Color of insulation	Dot mark
1	Orange	—	16	Orange	—	31	Orange	—
2	Gray	—	17	Gray	—	32	Gray	—
3	White	—	18	White	—	33	White	—
4	Yellow	—	19	Yellow	—	34	Yellow	—
5	Peach	—	20	Peach	—	35	Peach	—
6	Orange	—	21	Orange	— (Continuation)			
7	Gray	—	22	Gray	— (Continuation)			
8	White	—	23	White	— (Continuation)			
9	Yellow	—	24	Yellow	— (Continuation)			
10	Peach	—	25	Peach	— (Continuation)			
11	Orange	—	26	Orange	— (Continuation)			
12	Gray	—	27	Gray	—			
13	White	—	28	White	—			
14	Yellow	—	29	Yellow	—			
15	Peach	—	30	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°C)	Insulation resistance (MΩkm20°C)	Electrical strength (V/1min.)	
2P						0.165	4.2	16(24)				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	28	7/0.127	0.38	0.023	0.58	0.228	5.8	37(55)	less than 211	more than 10	500	1.6
14P	(0.0804mil)	(7/5mil)	(15mil)			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°C.

·Allowable ampacity is calculated based on JCS0168.

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

#### Adjustment factors(at ambient temperature)

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