

HRF-SB/20276PEF LF

Electronic equipment cable

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

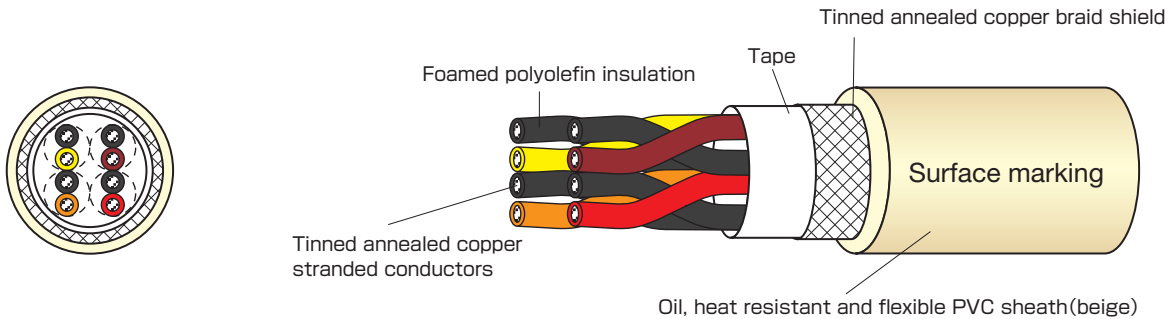
Application

- Cable for RS485, RS422.
- For a high-speed interface of the SCSI standard.
- Shielded Electric equipment cable with UL at 30V, 80°C. (Category : AVL2)

Feature

- The foamed polyolefin is used for the insulation.
- Oil, heat resistant and Flexible PVC sheath material is used.
- Characteristic impedance:100±10Ω(single-end),130±10Ω. (differential)
- The color of the sheath is beige.
- Flame resisting:UL VW-1.

Construction figure



Surface marking

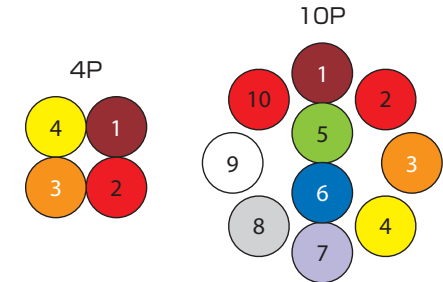


>>> Meeting standard



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	1	2	3	4	5	6	7	8	9	10
No.1 kind line	Black	Black	Black	Black	Black	Black	Black	Black	Black	Brown
No.2 kind line	Brown	Red	Orange	Yellow	Green	Blue	Purple	Gray	White	Red
Pair number	11	12	13	14	15	16	17	18	19	20
No.1 kind line	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Red	Red	Red
No.2 kind line	Orange	Yellow	Green	Blue	Purple	Gray	White	Orange	Yellow	Green
Pair number	21	22	23	24	25	26	27	28	29	30
No.1 kind line	Red	Red	Red	Red	Orange	Orange	Orange	Orange	Orange	Orange
No.2 kind line	Blue	Purple	Gray	White	Yellow	Green	Blue	Purple	Gray	White
Pair number	31	32	33	34						
No.1 kind line	Yellow	Yellow	Yellow	Yellow						
No.2 kind line	Green	Blue	Purple	Gray						

Figures ○ indicate pair number in the identification table.

Construction table

No. of pairs	Conductor			Foamed polyolefin 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 (MΩ km20°C)	Electrical strength (V/1 min.)	
○ 2P						0.189	4.8	20(30)				2.4
○ 3P						0.205	5.2	20(30)				2.0
○ 4P						0.217	5.5	27(40)				1.8
○ 5P						0.228	5.8	29(43)				1.7
○ 6P						0.244	6.2	34(50)				1.6
○ 7P						0.252	6.4	33(49)				1.5
○ 8P						0.283	7.2	37(55)				1.4
○ 10P	30 (0.0506mm)	7/0.10 (7/3.9mil)	0.30 (12mil)	0.028	0.72	0.283	7.2	40(60)	less than 375	more than 100	500	1.3
○ 13P						0.319	8.1	44(65)				1.2
○ 14P						0.319	8.1	47(70)				1.2
○ 18P						0.346	8.8	57(85)				1.1
○ 20P						0.382	9.7	67(100)				1.0
○ 25P						0.406	10.3	74(110)				1.0
○ 30P						0.417	10.6	81(120)				0.93
○ 34P						0.441	11.2	91(135)				0.89

○:Indicates Make-to-order products.

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	—	—	—

Standard sales length

100m