

UE/2517(N) LF

Electronic equipment cable

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

Meeting standard



Certification	UL AWM	cUL AWM	TÜV.CE marking
Applicable standard	UL 758	CSA C22.2 No.210	EN50525-2-51
Official symbol	UL STYLE 2517	CSA AWM II A	Equivalent of H05VV5-F
Voltage rating	300V	300V	300/500V
Temperature rating	105°C	105°C	70°C
Conductor	UL 758	CSA C22.2 No.210	EN60228
Flame rating	VW-1	FT1	EN50264-2-1

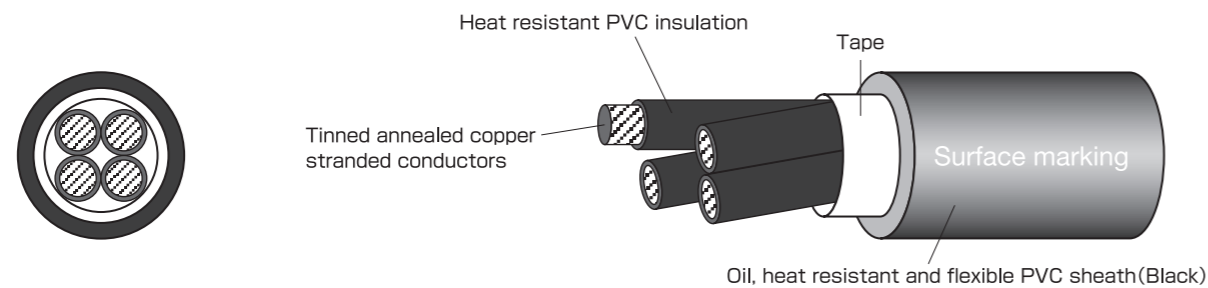
Application

- Multi-cable for North America and EU.
- Electric equipment cable with UL and cUL at 300V,105°C. (Category : AVLV2, AVLV8)
- CE marking (TÜV recognition product). (Certificate of TÜV No.J2150115)

Feature

- Heat resistant PVC used for insulation.
- Oil, heat resistant and Flexible PVC sheath material is used.
- Flame resisting:UL VW-1, cUL FT1.

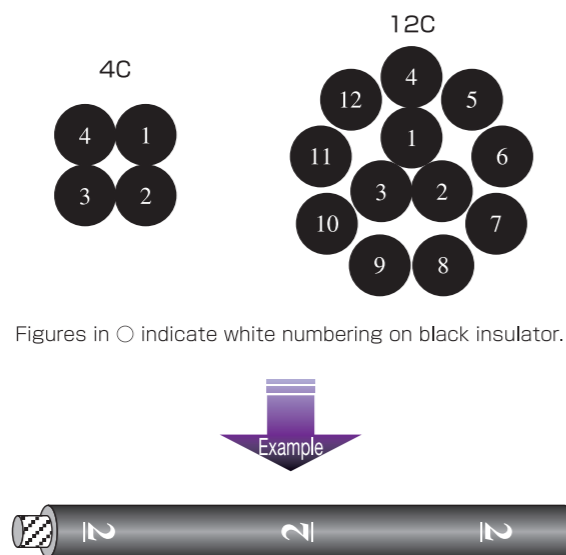
Construction figure



Surface marking

E67647 AWM 2517 105°C 300V VW-1 TAIYO AWM II A 105°C 300V FT1 TAIYO CE 05VV5-F 300/500V LF R15

Identification



Construction table

No. of cores	Conductor			Heat resistant 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.)	
2C						0.295	7.5	40(60)				14
3C						0.311	7.9	47(70)				12
4C	20	21/0.18	0.95	0.106	2.7	0.339	8.6	57(85)	less than 36.2	more than 10	2000	11
5C	(0.5mm)	(21/7.1mil)	(37mil)			0.370	9.4	71(105)				10
7C						0.441	11.2	91(135)				9.7
12C						0.543	13.8	144(215)				8.1
2C						0.311	7.9	44(65)				17
3C						0.331	8.4	54(80)				15
4C	19	31/0.18	1.2	0.114	2.9	0.358	9.1	67(100)	less than 26.7	more than 10	2000	13
5C	(0.75mm)	(31/7.1mil)	(47mil)			0.390	9.9	81(120)				12
7C						0.476	12.1	111(165)				11
12C						0.587	14.9	175(260)				9.8

※The examination of 2000V/5 minute besides the withstand voltage test on above mentioned UL standard and the CSA standard is applied.

※The size indicated within parenthesis in the above table, describes the appropriate size of Japanese domestic use.

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	0.93	0.86	0.77	0.68	0.58	0.45	0.26

Standard sales length

100m

(Sales by short length is available for large sizes. Please contact us which sizes are available.)