

UE/2587-SB(N) [Y/G] LF

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

Electronic equipment cable

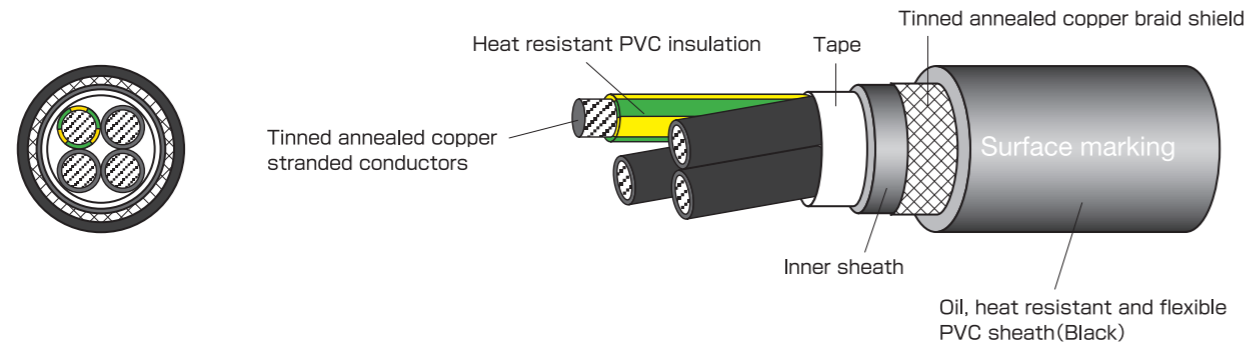
Application

- Shielded multi-cable for EU.
- Shielded Electric equipment cable with UL and cUL at 600V, 90°C. (Category AVLA2, AVLV8)
- CE marking (TÜV recognition product). (Certificate of TÜV No.J2150116)

Features

- It is an inner sheath type and a cable with the shield.
- Heat resistant PVC used for insulation.
- Oil, heat resistant and Flexible PVC sheath material is used.
- Flame resisting:UL VW-1, cUL FT1.

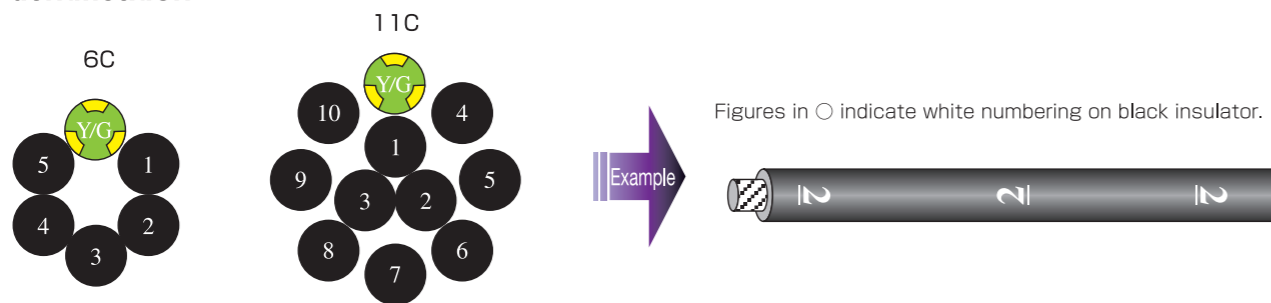
Construction figure



Surface marking

E67647 AWM 2587 90°C 600V VW-1 TAIYO AWM II A/B 90°C 600V FT1 TAIYO CE 05VVC4V5-K 300/500V LF R15

Identification



※Y/G indicates green core with yellow stripe(30~50%).

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 2587	CSA AWM II A/B	Equivalent of H05VVC4V5-K
Voltage rating	600V	600V	300/500V
Temperature rating	90°C	90°C	70°C
Conductor	UL 758	CSA C22.2 No.210	EN60228
Flame rating	VW-1	FT1	EN50264-2-1

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 (MΩ km20°C)	Electrical strength (V/1min.)	
6C						0.469	11.9	134(200)				13
8C						0.547	13.9	181(270)				11
11C						0.606	15.4	222(330)				10
13C	18	35/0.18	1.2	0.094	2.4	0.638	16.2	249(370)	less than 22.8	more than 10	2000	9.7
16C	(0.823mm)	(35/7.1mil)	(47mil)			0.665	16.9	279(415)				8.9
21C						0.776	19.7	366(545)				8.2
31C						0.909	23.1	494(735)				7.1
41C						1.004	25.5	632(940)				6.4
6C						0.528	13.4	178(265)				17
11C						0.665	16.9	279(415)				13
13C	16	26/0.26	1.5	0.106	2.7	0.705	17.9	316(470)	less than 14.3	more than 10	2000	12
21C	(1.30mm)	(26/10.2mil)	(59mil)			0.909	23.1	470(700)				10
31C						1.004	25.5	655(975)				9.3
41C						1.118	28.4	827(1230)				8.3
6C						0.606	15.4	245(365)				22
11C	14	41/0.26	1.9	0.130	3.3	0.787	20.0	403(600)	less than 9.01	more than 10	2000	17
13C	(2.08mm)	(41/10.2mil)	(75mil)			0.831	21.1	457(680)				16
21C						1.016	25.8	685(1020)				14

※[Y/G] earth cable of an equal size.

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

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.
Allowable ampacity is calculated excluding grounding conductor.

·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	0.91	0.82	0.71	0.58	0.41	—	—

Standard sales length

100m

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