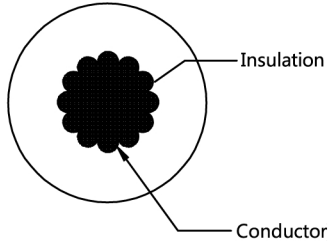


Sales Drawing

一、 production picture



二、 Construction

1. Conductor
Material: BC
2. Insulation
Material: XLPO(Halogen Free)
Color: Orange, red or black, can be customized

三、 Performance

1. Rating Voltage : 1000 V
2. Rating Temperature : -40 °C to +125°C,
3. Aging: 158°C*168H , Comply with UL 758
4. Dielectric Voltage : AC 3KV/1min
5. Deformation Test : 121°C*4H , Comply with UL758
6. Flame Test : VW-1 Comply with UL 758
7. Cold Bend Test : -40°C *4H Comply with UL 758
8. Environmental Requirements : RoHS3.0/REACH/HF
9. Min. Bend Radius : 4*OD

Sales Drawing	Conductor				Insulation		mm ²	Rated ampacity A	weight g/m
	Size AWG	Construction	OD mm	Ω/km Resistance max.	mm Nom. thickness/Min. thickness	OD mm			
SD-14900-01	16	66/0.16	1.50Ref.	14.6	0.76/0.69	3.40±0.20	1.3	15	21
SD-14900-02	15	82/0.16	1.70 Ref.	11.3	0.76/0.69	3.50±0.20	1.6	20	24
SD-14900-03	14	104/0.16	1.90 Ref.	8.78	0.76/0.69	3.60±0.20	2.0	24	29
SD-14900-04	13	132/0.16	2.10 Ref.	7.10	0.76/0.69	3.80±0.20	2.6	28	34
SD-14900-05	12	168/0.16	2.80 Ref.	5.64	0.76/0.69	4.50±0.20	3.3	34	46
SD-14900-06	11	210/0.16	3.00Ref.	4.48	0.76/0.69	4.70±0.20	4.1	39	54
SD-14900-07	10	259/0.16	3.30Ref.	3.564	0.76/0.69	5.00±0.25	5.2	45	64
SD-14900-08	9	329/0.16	3.70 Ref.	2.813	0.76/0.69	5.40±0.25	6.6	53	79
SD-14900-09	8	420/0.16	4.20 Ref.	2.230	1.15/1.02	6.60±0.25	8.3	64	106
SD-14900-10	7	525/0.16	4.80 Ref.	1.768	1.15/1.02	7.20±0.30	10.5	75	130
SD-14900-11	6	665/0.16	5.40Ref.	1.403	1.15/1.02	7.80±0.30	13.3	85	158
SD-14900-12	5	833/0.16	6.00 Ref.	1.113	1.15/1.02	8.40±0.30	16.7	100	196
SD-14900-13	4	672/0.20	6.60 Ref.	0.8820	1.15/1.02	9.00±0.30	21.1	115	231
SD-14900-14	3	847/0.20	7.40 Ref.	0.6996	1.15/1.02	9.40±0.30	26.6	135	293
SD-14900-15	2	1064/0.20	8.40 Ref.	0.5448	1.15/1.02	10.8±0.30	33.6	160	304
SD-14900-16	1	1349/0.20	9.40 Ref.	0.4398	1.40/1.27	12.4±0.30	42.4	175	471

Marking :

E323711 ㊄ AWM STYLE 3820 XXAWG 125°C 1000V VW-1 C ㊄
AWM I A/B 125°C 1000V FT1 OMG'

MATERIAL SPEC	Approvals	Third angle projection		OMG EV CABLE	
PROCESS SPEC	Check: 王虹宇		SCALE NONE	UL3820 14900	
TOLERANCES		SIZE A4	UNIT mm	CODE NUMBER	Document No.
X.0 ±0.50	X.0' ±2.0'	REV. A0			SD-14900.**
0.X ±0.10	0.X' ±1.0'	SHEET 1/1			
0.0X ±0.05	0.0X' ±0.5'				

AO	1st Release	2022.04.06
LTR	DESCRIPTION	DATE
REVISIONS		