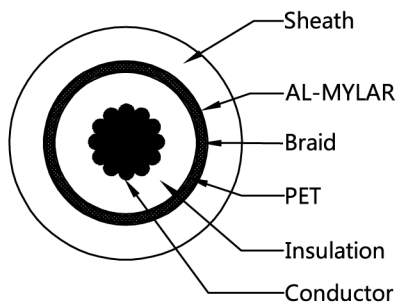


Sales Drawing

一、 production picture



Sales Drawing	Conductor				绝缘 Insulation		Braid			Sheath		
	Size AWG	Construction	OD mm	Ω/km Resistance max.	mm Nom. thickness/Min. thickness	OD mm	Tape	Construction ±0.008mm	Tape	mm Nom. thickness/Min. thickness	OD mm	
SD-14902-01	16	66/0.16	1.50Ref.	13.5	0.76/0.69	3.40±0.20	PET	16/8/0.12	AL-MYLAR	0.76/0.61	5.60±0.25	
SD-14902-02	15	82/0.16	1.70 Ref.	10.6	0.76/0.69	3.50±0.20	PET	16/8/0.12	AL-MYLAR	0.76/0.61	5.70±0.25	
SD-14902-03	14	104/0.16	1.90 Ref.	8.45	0.76/0.69	3.60±0.20	PET	16/8/0.12	AL-MYLAR	0.76/0.61	5.80±0.25	
SD-14902-04	13	83/0.196	2.10 Ref.	6.69	0.76/0.69	3.60±0.20	PET	16/8/0.12	AL-MYLAR	0.76/0.61	5.80±0.25	
SD-14902-05	12	168/0.16	2.80 Ref.	5.31	0.76/0.69	4.50±0.20	PET	16/8/0.12	AL-MYLAR	0.76/0.61	6.70±0.25	
SD-14902-06	11	210/0.16	3.00Ref.	4.22	0.76/0.69	4.70±0.20	PET	16/10/0.12	AL-MYLAR	0.76/0.61	6.90±0.25	
SD-14902-07	10	259/0.16	3.30Ref.	3.343	0.76/0.69	5.00±0.25	PET	16/10/0.12	AL-MYLAR	0.76/0.61	7.20±0.25	
SD-14902-08	9	329/0.16	3.70 Ref.	2.652	0.76/0.69	5.40±0.25	PET	16/10/0.12	AL-MYLAR	0.76/0.61	7.60±0.30	
SD-14902-09	8	420/0.16	4.20 Ref.	2.102	1.15/1.02	6.60±0.25	PET	24/8/0.12	AL-MYLAR	0.76/0.61	8.80±0.30	
SD-14902-10	7	525/0.16	4.80 Ref.	1.667	1.15/1.02	7.20±0.30	PET	24/8/0.12	AL-MYLAR	0.76/0.61	9.40±0.30	
SD-14902-11	6	665/0.16	5.40Ref.	1.323	1.15/1.02	7.80±0.30	PET	24/8/0.12	AL-MYLAR	0.76/0.61	10.00±0.30	

Marking :E323711 ㄨ AWM STYLE 30088 **AWG 125°C 1000V VW-1 C ㄨ
AWM I A/B 125°C 1000V FT1 OMG'

二、 Construction

- Conductor
Material: Bare Copper
- Insulation
Material: XLPOE(Halogen Free)
Color : Orange
- Tape :
Material: PET
- Braid :
Material: Tinned Copper
Coverage: ≥85%
- Tape :
Material: AL-MYLAR
- Jacket
Material: XLPE(Halogen Free)
Color : Orange

三、 Performance

- Rating Voltage : 1000V
- Rating Temperature : -40°C to +125°C
- Short-term Aging :158°C*168hComply With UL 758
- Dielectric Voltage : 3000V/1min
- Min. Bend Radius : 4*OD@<15mm ; 6*OD@≥15mm
- DeformationTest :121°C*4H , Comply withUL758
- Flame Test : VW-1 Comply with UL758.
- ColdBendTes: -40°C*4H Comply with UL 758
- Environmental requirements:RoHS and REACH Compliant

MATERIAL SPEC	Approvals	Third angle projection		OMG EV CABLE	
PROCESS SPEC	Check: Hongning.Wang		SIZE A4	SCALE NONE	EV 14902
TOLERANCES		Design: Qing sheng .Liang	REV. A0	UNIT mm	
X.0 ±0.50	X.0' ±2.0'	Drawing:Qing sheng .Liang	CODE NUMBER		Document No.
0.X ±0.10	0.X' ±1.0'		SHEET 1/1		SD-14902-**
0.0X ±0.05	0.0X' ±0.5'				

AO	1st Release	2022.03.30
LTR	DESCRIPTION	DATE
REVISIONS		