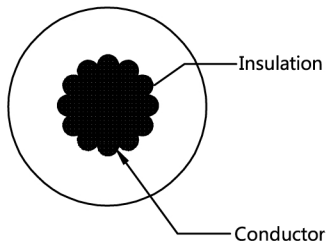


# Sales Drawing

## 一、 production picture



Sales Drawing	Conductor				Insulation	
	Size mm <sup>2</sup>	Construction	OD mm	Ω/km Resistance max.	mm Nom. thickness/Min. thickness	OD mm
SD-14400-01	2.5	77/0.20	2.06 Ref.	7.60	0.70/0.53	3.50±0.20
SD-14400-02	4	126/0.20	2.70 Ref.	4.71	0.80/0.62	4.50±0.20
SD-14400-03	6	189/0.20	3.35 Ref.	3.14	0.80/0.62	5.00±0.25
SD-14400-04	10	322/0.20	4.50 Ref.	1.82	1.00/0.80	6.40±0.25
SD-14400-05	16	511/0.20	5.60 Ref.	1.16	1.10/0.89	8.00±0.30
SD-14400-06	25	798/0.20	7.20 Ref.	0.743	1.30/1.07	10.0±0.30
SD-14400-07	35	1121/0.20	8.50 Ref.	0.527	1.30/1.07	11.0±0.40
SD-14400-08	50	1615/0.20	10.1 Ref.	0.368	1.50/1.25	13.0±0.50
SD-14400-09	70	2261/0.20	12.1 Ref.	0.259	1.50/1.25	15.0±0.50
SD-14400-10	95	3071/0.20	14.5 Ref.	0.196	1.70/1.43	17.3±0.60
SD-14400-11	120	3885/0.20	15.9 Ref.	0.153	1.70/1.43	19.5±0.60

Marking : EVR-125 \*\*\*mm<sup>2</sup> 1500 V -40℃~+125℃ 广东奥美格传导科技股份有限公司

## 二、 Construction

- Conductor  
Material: Bare Copper
- Insulation  
Material: XLPE (Halogen Free)  
Color : Orange, red or black, can be customized

## 三、 Performance

- Rating Voltage : AC1500V
- Rating Temperature : -40℃ to +125℃
- Short-term Aging : 150℃\*240h , Comply With ISO6722
- Dielectric Voltage : 6000V/15min
- Volume resistivity : 10<sup>9</sup> Ω.mm, Comply With ISO6722
- Flame Test : Comply With ISO6722
- Fluid Compatibility : Comply With ISO6722
- Resistance to Ozone : 65℃/192h(1ppm), Comply With ISO6722
- Min. Bend Radius : 3\*OD@<15mm; 5\*OD@≥15mm
- Halogen Free:PH>4.3; Conductivity<10 μS/mm, Comply With GB/T17650
- Environmental Requirements : RoHS and REACH Compliant

MATERIAL SPEC	Approvals	Third angle projection		OMG EV CABLE	
PROCESS SPEC	Check		SCALE	EV 14400	
TOLERANCES		SIZE A4	NONE	CODE NUMBER	
X.0 ±0.50	X.0' ±2.0'	REV. A0	UNIT mm	Document No.	
0.X ±0.10	0.X' ±1.0'	SHEET 1/1		SD-14400-	
0.0X ±0.05	0.0X' ±0.5'				

AO	1st Release	2020.04.12
LTR	DESCRIPTION	DATE
REVISIONS		