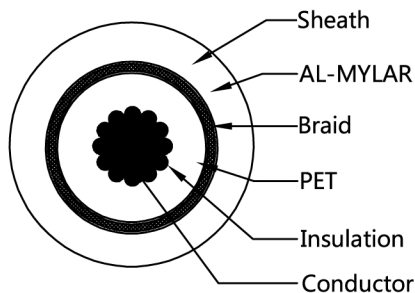


Sales Drawing

一、production picture



二、Construction

1. Conductor
Material : Bare Copper
2. Insulation
Material : XLPE (Halogen Free)
Color : Orange
3. Tape :
Material : PET
4. Braid :
Material : Tinned Copper
Coverage: ≥85%
5. Tape :
Material : AL-MYLAR
6. Jacket
Material : XLPE(Halogen Free)
Color : Orange

Sales Drawing	Conductor				Insulation		Braid			Sheath	
	Size mm ²	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-14409-01	10	322/0.20	4.50 Max.	1.82	1.00/0.80	6.40±0.30	PET	24/8/0.12	AL-MYLAR	1.30/0.80	9.50±0.30
SD-14409-02	16	511/0.20	5.80 Max.	1.16	1.10/0.82	8.00±0.30	PET	24/10/0.12	AL-MYLAR	1.30/0.80	11.3±0.30
SD-14409-03	25	798/0.20	7.20 Max.	0.743	1.30/1.04	10.0±0.30	PET	24/10/0.12	AL-MYLAR	1.50/1.00	13.5±0.40
SD-14409-04	35	1121/0.20	8.50 Max.	0.527	1.30/1.04	11.0±0.40	PET	24/12/0.12	AL-MYLAR	1.50/1.00	14.5±0.40
SD-14409-05	50	1615/0.20	10.5 Max.	0.368	1.50/1.20	13.0±0.40	PET	24/12/0.12	AL-MYLAR	1.70/1.35	17.0±0.50
SD-14409-06	70	2261/0.20	12.5 Max.	0.259	1.50/1.20	15.0±0.50	PET	24/12/0.12	AL-MYLAR	1.70/1.35	19.0±0.50
SD-14409-07	95	3071/0.20	14.8 Max.	0.196	1.50/1.20	17.3±0.50	PET	24/12/0.12	AL-MYLAR	1.70/1.35	21.6±0.60
SD-14409-08	120	3885/0.20	16.5 Max.	0.153	1.50/1.20	19.0±0.50	PET	24/12/0.12	AL-MYLAR	1.70/1.35	23.0±0.60
SD-14409-09	100	3330/0.20	15.0Max.	0.172	1.50/1.20	17.60±0.50	PET	24/12/0.12	AL-MYLAR	1.70/1.35	22.0±0.60

三、Performance

1. Rating Voltage : AC1000V/DC1500V
2. Rating Temperature : -40°C to +125°C Comply With ISO 19642
3. Short-term Aging : (Rating+25)°C*240h , Comply With ISO 19642
4. Dielectric Voltage : 3.5KV/5min
5. Volume resistivity : 10¹² Ω.mm , Comply With ISO 19642
6. Flame Test : 30S Comply With ISO 19642
7. Fluid Compatibility : Comply With ISO 19642
8. Resistance to Ozone : 65°C/192h(1ppm), Comply With ISO 19642
9. Min. Bend Radius : 4*OD@<15mm ; 6*OD@≥15mm
10. Environmental Requirements : RoHS and REACH Compliant

四、Marking:

广东奥美格传导科技股份有限公司 QZJP2-C/XLPE 1000/1500V **mm² ⚡注意高压危险⚡

MATERIAL SPEC	Approvals	Third angle projection		OMG EV CABLE	
PROCESS SPEC	Check			SIZE A4	SCALE NONE
TOLERANCES				REV. A0	UNIT mm
X.0 ±0.50	X.0' ±2.0'	Drawing: 成宜昌		CODE NUMBER	
0.X ±0.10	0.X' ±1.0'	Drawing: 成宜昌		Document No.	
0.0X ±0.05	0.0X' ±0.5'	SHEET 1/1		SD-14409-**	

A0	1st Release	2020.05.22
LTR	DESCRIPTION	DATE
REVISIONS		