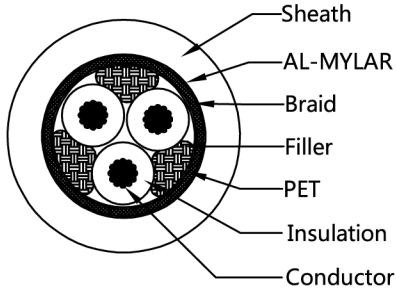


Sales Drawing

一、production picture



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-11403-01R150	2x2.5	77/0.20	2.06 Ref.	7.60	0.70/0.53	3.50±0.25	PET	24/8/0.12	AL-MYLAR	1.20/0.92	10.2±0.30
SD-11403-03R150	2x4	126/0.20	2.70 Ref.	4.71	0.80/0.62	4.50±0.25	PET	24/10/0.12	AL-MYLAR	1.20/0.92	12.2±0.40
SD-11403-05R150	2x6	189/0.20	3.40 Ref.	3.14	0.80/0.62	5.00±0.25	PET	24/10/0.12	AL-MYLAR	1.20/0.92	13.5±0.50
SD-11403-07R150	2x10	322/0.20	4.50 Ref.	1.82	1.00/0.80	6.40±0.25	PET	24/12/0.12	AL-MYLAR	1.40/1.09	16.5±0.60
SD-11403-02R150	3x2.5	77/0.20	2.06 Ref.	7.60	0.70/0.53	3.50±0.25	PET	24/8/0.12	AL-MYLAR	1.20/0.92	10.8±0.30
SD-11403-04R150	3x4	126/0.20	2.70 Ref.	4.71	0.80/0.62	4.50±0.25	PET	24/10/0.12	AL-MYLAR	1.20/0.92	13.0±0.40
SD-11403-06R150	3x6	189/0.20	3.40 Ref.	3.14	0.80/0.62	5.00±0.25	PET	24/10/0.12	AL-MYLAR	1.40/1.09	14.2±0.50

印字Marking : EV CABLE Nx**mm² 1500V -40℃ ~ +150℃ 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 : 1. Black, 2. Red, 3. Orange
- Filler
Material: Cotton Yarn
- Tape :
Material: PET
- Braid :
Material: Tinned Copper
Coverage: ≥85%
- Tape :
Material: AL-MYLAR
- Sheath
Material: XLPE(Halogen Free)
Color : Orange

三、Performance

- Rating Voltage : AC1500V
- Rating Temperature : -40℃ to +150℃
- Short-term Aging : 175℃*240h , Comply With ISO6722
- Long-term Aging : 150℃*3000h , Comply With ISO6722
- Dielectric Voltage : 6000V/15min
- Volume resistivity : 10⁹ 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 : 4*OD@<15mm ; 6*OD@≥15mm
- Halogen Free:PH>4.3 ; Conductivity<10 μS/mm, Comply With GB/T17650
- Environmental Requirements : RoHS and REACH Compliant

AO	1st Release	2019.07.27
LTR	DESCRIPTION	DATE
REVISIONS		

MATERIAL SPEC	Approvals	Third angle projection		OMG EV CABLE	
PROCESS SPEC	Check		SIZE A4	SCALE NONE	EV 11403R150
TOLERANCES		Design: Markzhang	REV. A0	UNIT mm	
X.0 ±0.50	X.0' ±2.0'	Drawing: Markzhang	SHEET 1/1		CODE NUMBER
0.X ±0.10	0.X' ±1.0'				Document No. SD-11403-**R150
0.0X ±0.05	0.0X' ±0.5'				