



Application

- ✓ Especially used in supporting all line charging equipment.
- ✓ AC & DC Charging (Domestic Use & public Charging Station)

Features

- ✓ Abrasion-resistance.
- ✓ Thermal stress-resistant.
- ✓ Halogen-free.
- ✓ Flame resistant.
- ✓ Resistant to cold bend and low temperature shock.
- ✓ High charging power up to 500 KW.
- ✓ Highly flexible and lightweight therefore easy to handle at the charging station.
- ✓ Active liquid cooling as protection against overheating.
- ✓ Fast charging.
- ✓ Ozone resistant.

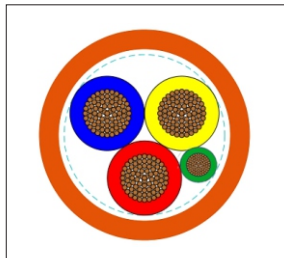
Product Construction

- ✓ Conductor : Annealed Plain Copper Conductor (Optional: Tinned) according to 60228
- ✓ Insulation : EVI-2
- ✓ Control cable : CP/CC (Control pilot/control core) as per customer request
 - ✓ Conductor : Annealed Plain Copper Conductor
 - ✓ Insulation : EVI-2
- ✓ Sheath : EVM-1
- ✓ Sheath Colour : Orange (or) as per customer request

Technical Data

- ✓ Rated Temperature :
 - Static : - 40°C to +90°C
 - Dynamic : - 35°C to +90°C
- ✓ Rated Voltage : 450/750V
- ✓ Test Voltage : 3.5 KV AC (1 Hour in water both)
- ✓ Bending Radius :
 - Static : 5 X Cable OD
 - Dynamic : 15 X Cable OD
- ✓ Specification : EN 50620 : 2017

2D View



ISO 9001	ISO 14001	IATF 16949	OHSAS 18001	IRIS TM Certification
LABCO	ARAI [®] Progress through Research	REACH COMPLIANT	RoHS COMPLIANT	CE

Part Number	Nominal Cross-Section mm ²	Conductor Construction		Insulation Thickness Nom. mm	Sheath Thickness Nom. mm	Overall Diameter		Max. Conductor Resistance at 20°C Ω/km
		No. of Strands nos.	Stand dia. (mm) (Max.)			Min. mm	Max. mm	
A9731303XE*	(3C X 1.5)+0.5	30	0.26	0.7	1.0	8.2	10.5	13.3
A9731603XE	(3C X 2.5)+0.5	50	0.26	0.7	1.0	9.3	11.9	7.98
A9731903XE	(3C X 4)+0.5	56	0.31	0.7	1.1	10.8	13.8	4.95
A9732303XE	(3C X 6)+0.5	84	0.31	0.7	1.2	12.3	15.7	3.30
A9732703XE	(3C X 10)+0.5	80	0.41	0.7	1.4	14.8	19.0	1.91
A9732803XE	(3C X 16)+0.5	126	0.41	0.7	1.5	17.6	22.6	1.21
A9733003XE	(3C X 25)+0.5	196	0.41	0.9	1.7	21.9	28.0	0.780
A9733203XE	(3C X 35)+0.5	276	0.41	0.9	1.9	25.7	32.9	0.554
A9731604XE	(4C X 2.5)+0.5	50	0.26	0.7	1.0	10.2	13.1	7.98
A9731904XE	(4C X 4)+0.5	56	0.31	0.7	1.1	11.9	15.2	4.95
A9732304XE	(4C X 6)+0.5	84	0.31	0.7	1.2	13.5	17.3	3.30
A9732704XE	(4C X 10)+0.5	80	0.41	0.7	1.4	16.4	20.9	1.91
A9732804XE	(4C X 16)+0.5	126	0.41	0.7	1.6	19.7	25.2	1.21
A9733004XE	(4C X 25)+0.5	196	0.41	0.9	1.9	24.6	31.5	0.780
A9733204XE	(4C X 35)+0.5	276	0.41	0.9	2.1	28.9	37.0	0.554
A9731605XE	(5C X 2.5)+0.5	50	0.26	0.7	1.2	11.7	15.0	7.98
A9731905XE	(5C X 4)+0.5	56	0.31	0.7	1.3	13.5	17.3	4.95
A9732305XE	(5C X 6)+0.5	84	0.31	0.7	1.4	15.4	19.7	3.30
A9732705XE	(5C X 10)+0.5	80	0.41	0.7	1.5	18.3	23.4	1.91
A9732805XE	(5C X 16)+0.5	126	0.41	0.7	1.7	22.0	28.1	1.21
A9733005XE	(5C X 25)+0.5	196	0.41	0.9	2.0	27.5	35.2	0.780
A9733205XE	(5C X 35)+0.5	276	0.41	0.9	2.3	32.4	41.5	0.554

Note :

- ✓ X - No. of Control Cable
- ✓ E - Earthing



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