



Application

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

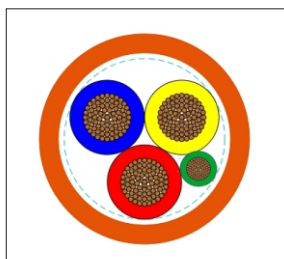
Features

- ✓ 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

2D View



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

ISO 9001	ISO 14001	IATF 16949	OHSAS 18001	IRIS™ 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	
A9741303XE*	(3C X 1.5)+1.0	30	0.26	0.7	1.0	8.2	10.5	13.3
A9741603XE	(3C X 2.5)+1.0	50	0.26	0.7	1.0	9.3	11.9	7.98
A9741903XE	(3C X 4)+1.0	56	0.31	0.7	1.1	10.8	13.8	4.95
A9742303XE	(3C X 6)+1.0	84	0.31	0.7	1.2	12.3	15.7	3.30
A9742703XE	(3C X 10)+1.0	80	0.41	0.7	1.4	14.8	19.0	1.91
A9742803XE	(3C X 16)+1.0	126	0.41	0.7	1.5	17.6	22.6	1.21
A9743003XE	(3C X 25)+1.0	196	0.41	0.9	1.7	21.9	28.0	0.780
A9743203XE	(3C X 35)+1.0	276	0.41	0.9	1.9	25.7	32.9	0.554
A9741604XE	(4C X 2.5)+1.0	50	0.26	0.7	1.0	10.2	13.1	7.98
A9741904XE	(4C X 4)+1.0	56	0.31	0.7	1.1	11.9	15.2	4.95
A9742304XE	(4C X 6)+1.0	84	0.31	0.7	1.2	13.5	17.3	3.30
A9742704XE	(4C X 10)+1.0	80	0.41	0.7	1.4	16.4	20.9	1.91
A9742804XE	(4C X 16)+1.0	126	0.41	0.7	1.6	19.7	25.2	1.21
A9743004XE	(4C X 25)+1.0	196	0.41	0.9	1.9	24.6	31.5	0.780
A9743204XE	(4C X 35)+1.0	276	0.41	0.9	2.1	28.9	37.0	0.554
A9741605XE	(5C X 2.5)+1.0	50	0.26	0.7	1.2	11.7	15.0	7.98
A9741905XE	(5C X 4)+1.0	56	0.31	0.7	1.3	13.5	17.3	4.95
A9742305XE	(5C X 6)+1.0	84	0.31	0.7	1.4	15.4	19.7	3.30
A9742705XE	(5C X 10)+1.0	80	0.41	0.7	1.5	18.3	23.4	1.91
A9742805XE	(5C X 16)+1.0	126	0.41	0.7	1.7	22.0	28.1	1.21
A9743005XE	(5C X 25)+1.0	196	0.41	0.9	2.0	27.5	35.2	0.780
A9743205XE	(5C X 35)+1.0	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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