



### Application

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

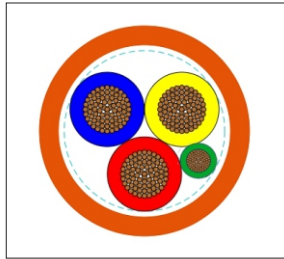
### Features

- ✓ 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-2
- ✓ 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 : 300/500V
- ✓ Test Voltage : 2.5 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 <sup>™</sup> Certification
LABCO	ARAI <sup>®</sup> Progress through Research	REACH COMPLIANT	RoHS COMPLIANT	CE

Part Number	Nominal Cross-Section	Conductor Construction		Insulation Thickness Nom.	Sheath Thickness Nom.	Overall Diameter		Max. Conductor Resistance at 20°C
		No. of Strands	Stand dia. (mm) (Max.)			Min.	Max.	
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	mm	Ω/km
A9761303XE*	(3C X 1.5)+1.0	30	0.26	0.6	1.5	8.9	11.6	13.3
A9761603XE	(3C X 2.5)+1.0	50	0.26	0.6	1.6	10.1	13.2	7.98

Note :

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



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