

Application

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

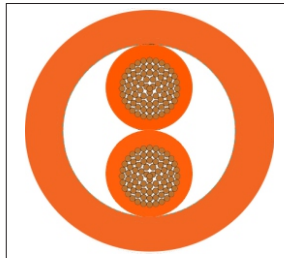
Features

- ✓ 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.
- ✓ Soldering iron resistant
- ✓ Resistant to liquid chemicals

Product Construction

- ✓ Conductor : Annealed Plain Copper Conductor according to ISO 19642 (Flexible)
- ✓ Insulation : Electron Beam Cross Linked Polyolefin Class D (Thick wall)
- ✓ Insulation color : As per ISO 19642-1
- ✓ Sheath : Electron Beam Crossed Linked Polyolefin
- ✓ Sheath Colour : Orange (or) as per customer order

2D View



Technical Data

- ✓ Rated Temperature : - 40°C to +150°C (3000 Hours)
- ✓ Max. Rated Voltage : 1000V AC (or) 1500V DC
- ✓ Test Voltage : 10kV AC for 5 mins (≥ 0.5 Sqmm)
- ✓ Insulation Faults : 8 kV AC
- ✓ Specification : ISO 19642-9, ISO 6722, Generally as per QC / T 1037-2016**

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

Part Number	Conductor Construction			Insulation Thickness (Min.)	Sheath Thickness (Nom.)	Over all Diameter		Weight Approx. kg/km	Current Carrying Capacity Amps	Max. Conductor Resistance at 20°C Ω/km
	Nominal Cross-Section mm ²	No. of Strands nos.	Stand dia. (Max) mm			Min. mm	Max. mm			
A9501302	2C x 1.5	182	0.11	0.48	1.1	7.7	8.3	81	28	12.7
A9501303	3C x 1.5	182	0.11	0.48	1.2	8.2	8.8	110	25	12.7
A9501304	4C x 1.5	182	0.11	0.48	1.2	9.0	9.7	135	23	12.7
A9501602	2C x 2.5	140	0.16	0.56	1.2	9.0	9.7	122	39	7.60
A9501603	3C x 2.5	140	0.16	0.56	1.3	9.6	10.3	165	34	7.60
A9501604	4C x 2.5	140	0.16	0.56	1.3	10.6	11.3	205	32	7.60
A9501902	2C x 4	224	0.16	0.64	1.3	10.7	11.4	173	53	4.71
A9501903	3C x 4	224	0.16	0.64	1.4	11.4	12.2	237	46	4.71
A9501904	4C x 4	224	0.16	0.64	1.4	12.6	13.4	298	43	4.71
A9502302	2C x 6	189	0.21	0.64	1.4	12.0	12.8	225	68	3.14
A9502303	3C x 6	189	0.21	0.64	1.4	12.8	13.6	305	59	3.14
A9502304	4C x 6	189	0.21	0.64	1.5	14.1	15.0	397	55	3.14

Note :

- ✓ Current Carrying capacity given is for the maximum conductor operating of 150° C and ambient air temperature of 40°C.
- ✓ ** Conductor construction as per ISO 19642-5. If customer insist construction to be as per ISO 6722 & Generally as per QC/ T1037-2016 or any specific construction, the same can also be supplied.



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