

### Application

- ✓ Used for conditioning compressors, PTC auxiliary heaters and the vehicle.
- ✓ Internal connection of the charging socket to the charger aggregate.
- ✓ Used today by different OEMs for the connection of HV aggregates.

### Product Construction

- ✓ Conductor : Annealed Tinned Flexible Copper Conductor (Asymmetrical, Structure C)
- ✓ Taping : Optional
- ✓ Insulation : Silicone Rubber (Thin wall)
- ✓ Inner Sheath : Silicone Rubber
- ✓ Outer Sheath : Silicone Rubber - Orange
- ✓ Colour : As Per Customer Order.
- ✓ Multi Core

### Technical Data

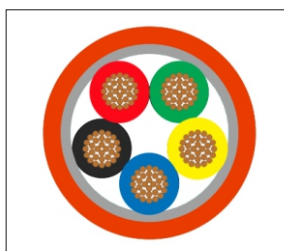
- ✓ Voltage Rating : 600V AC / 1000V DC
- ✓ Temperature Range : - 40°C to +180°C (3000 Hours)
- ✓ Test Voltage :
  - i) Insulation : 6 kV for cables < 0.5 mm<sup>2</sup>  
8 kV for cables ≥ 0.5 mm<sup>2</sup>
  - ii) Outer Jacket : 8 kV for all cables
- ✓ FHL : Automotive Cable (High Voltage)
- ✓ R : Reduced wall thickness
- ✓ 2G : Silicone Rubber
- ✓ 2G : Silicone Rubber
- ✓ C : Asymmetrical (Structure C)
- ✓ Standard : ISO 6722, Class E & LV 216-2

### Features

- ✓ High Flexibility
- ✓ High temperature resistance
- ✓ Low Mechanical loads

ISO 9001	ISO 14001	IATF 16949	OHSAS 18001	AS 9100	ISO 45001

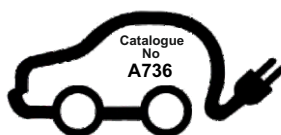
### 2D View



Automotive Cables **FHLR2G2G - C**

Part Number	Conductor Construction				Insulation Thickness (Min.)	Core Diameter (Max.)	Thickness of Outer Sheath (Min.)	Cable		Max. Conductor Resistance at 20°C
	Nominal Cross-Section	No. of Strands	Diameter of Single wire (Max.)	Conductor Diameter (Max.)				Overall Diameter (Max.)	Weight Approx.	
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	
A7360602	2C X 0.5	26	0.16	1.10	0.22	1.60	0.35	4.6	25	38.2
A7360603	3C X 0.5	26	0.16	1.10	0.22	1.60	0.40	5.0	30	38.2
A7360604	4C X 0.5	26	0.16	1.10	0.22	1.60	0.40	5.4	40	38.2
A7360605	5C X 0.5	26	0.16	1.10	0.22	1.60	0.40	6.0	50	38.2
A7360802	2C X 0.75	38	0.16	1.30	0.22	1.90	0.50	5.4	35	25.4
A7360803	3C X 0.75	38	0.16	1.30	0.22	1.90	0.55	5.9	45	25.4
A7360804	4C X 0.75	38	0.16	1.30	0.22	1.90	0.55	6.4	55	25.4
A7360805	5C X 0.75	38	0.16	1.30	0.22	1.90	0.55	7.0	65	25.4
A7361002	2C X 1	54	0.16	1.50	0.22	2.10	0.60	6.0	45	19.1
A7361003	3C X 1	54	0.16	1.50	0.22	2.10	0.65	6.4	60	19.1
A7361004	4C X 1	54	0.16	1.50	0.22	2.10	0.65	7.0	70	19.1
A7361005	5C X 1	54	0.16	1.50	0.22	2.10	0.65	7.7	85	19.1
A7361302	2C X 1.5	76	0.16	1.70	0.22	2.40	0.76	6.6	65	13.0
A7361303	3C X 1.5	76	0.16	1.70	0.22	2.40	0.76	7.1	80	13.0
A7361304	4C X 1.5	76	0.16	1.70	0.22	2.40	0.76	7.8	100	13.0
A7361305	5C X 1.5	76	0.16	1.70	0.22	2.40	0.76	8.5	120	13.0
A7361602	2C X 2.5	140	0.16	2.20	0.24	3.00	0.76	8.0	95	7.82
A7361603	3C X 2.5	140	0.16	2.20	0.24	3.00	0.76	8.5	120	7.82
A7361604	4C X 2.5	140	0.16	2.20	0.24	3.00	0.76	9.5	150	7.82
A7361605	5C X 2.5	140	0.16	2.20	0.24	3.00	0.76	10.5	180	7.82
A7361902	2C X 4	224	0.16	2.80	0.28	3.70	0.76	9.7	140	4.85
A7361903	3C X 4	224	0.16	2.80	0.28	3.70	0.76	10.3	175	4.85
A7361904	4C X 4	224	0.16	2.80	0.28	3.70	0.80	11.3	225	4.85
A7361905	5C X 4	224	0.16	2.80	0.28	3.70	0.90	12.5	275	4.85
A7362302	2C X 6	320	0.16	3.40	0.28	4.30	0.90	11.0	195	3.23
A7362303	3C X 6	320	0.16	3.40	0.28	4.30	1.00	11.8	260	3.23
A7362304	4C X 6	320	0.16	3.40	0.28	4.30	1.00	13.0	320	3.23
A7362305	5C X 6	320	0.16	3.40	0.28	4.30	1.00	14.3	390	3.23

✓ \* Other length as per Customer order.



Siechem Wires & Cables Meet EU RoHS Directive

Lead Free	Hg Free	Cd Free	Cr <sup>6+</sup> Free	PBB Free	PBDE Free
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