

**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 Plain Flexible Copper Conductor (Asymmetrical, Structure B)
- ✓ Insulation : EVA (Thin wall)
- ✓ Screen : ATC Screen with Al. Mylar Tape
- ✓ Outer Sheath : EBXL-XLPO - Orange
- ✓ Colour : As Per Customer Order.
- ✓ Single Core

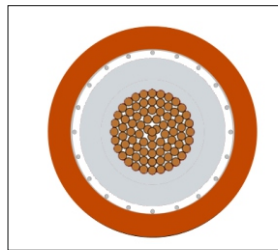
**Technical Data**

- ✓ 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
- ✓ 4G : EVA
- ✓ C : ATC Screening
- ✓ B : Al. Mylar Tape
- ✓ 13X : EBXL-XLPO
- ✓ B : Asymmetrical (Structure B)
- ✓ Standard : ISO 6722, Class E & LV 216-2

**Features**

- ✓ High Flexibility
- ✓ Excellent EMC properties
- ✓ High temperature resistance
- ✓ Low Mechanical loads

**2D View**



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

**Automotive Cables** **FHLR4GCB13X - B**

Part Number	Conductor Construction				Insulation Thickness (Min.)	Core Diameter (Max.)	Screen Wire Diameter (Max.)	Outer Sheath Thickness (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	mm	mm	kg/km	Ω/km
A723S13XX10	1.5	30	0.26	1.7	0.24	2.40	0.11	0.38	4.00	35	12.7
A723S16XX10	2.5	50	0.26	2.2	0.28	3.00	0.11	0.38	4.70	50	7.60
A723S19XX10	4.0	56	0.31	2.8	0.32	3.70	0.16	0.38	5.80	75	4.71
A723S23XX10	6.0	84	0.31	3.4	0.32	4.30	0.16	0.46	6.50	100	3.14
A723S27XX10	10	80	0.41	4.5	0.48	6.00	0.16	0.70	8.80	160	1.82
A723S28XX10	16	126	0.41	5.8	0.52	7.20	0.16	0.70	10.20	235	1.16
A723S30XX10	25	196	0.41	7.2	0.64	8.80	0.21	0.75	12.20	360	0.743
A723S32XX10	35	276	0.41	8.5	0.64	10.50	0.21	0.80	14.40	485	0.527
A723S34XX10	50	396	0.41	10.5	0.71	12.20	0.21	0.80	15.80	660	0.368
A723S37XX10	70	360	0.51	12.5	1.20	15.50	0.21	1.16	20.00	950	0.259
A723S38XX10	95	475	0.51	14.8	1.20	18.00	0.21	1.16	22.50	1205	0.196
A723S41XX10	120	608	0.51	16.5	1.28	19.70	0.21	1.16	23.50	1475	0.153

Note : XX\* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

\* Other length as per Customer order.



**Siechem Wires & Cables Meet EU RoHS Directive**

Lead Free	Hg Free	Cd Free	Cr <sup>VI</sup> Free	PBB Free	PBDE Free
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