

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.

Features

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

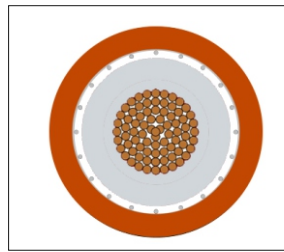
Product Construction

- ✓ Conductor : Annealed Plain Flexible Copper Conductor (Asymmetrical, Structure C)
- ✓ 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 mm²
8 kV for cables ≥ 0.5 mm²
 - 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
- ✓ C : Asymmetrical (Structure C)
- ✓ Standard : ISO 6722, Class E & LV 216-2

2D View



Automotive Cables FHLR4GCB13X - C

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

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 ²	nos.	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
A740S13XX10	1.5	76	0.16	1.7	0.24	2.40	0.11	0.38	4.00	35	12.7
A740S16XX10	2.5	140	0.16	2.2	0.28	3.00	0.11	0.38	4.70	50	7.60
A740S19XX10	4.0	224	0.16	2.8	0.32	3.70	0.16	0.38	5.80	75	4.71
A740S23XX10	6.0	320	0.16	3.4	0.32	4.30	0.16	0.46	6.50	100	3.14
A740S27XX10	10	320	0.21	4.5	0.48	6.00	0.16	0.70	8.80	160	1.82
A740S28XX10	16	512	0.21	5.8	0.52	7.20	0.16	0.70	10.20	235	1.16
A740S30XX10	25	790	0.21	7.2	0.64	8.80	0.21	0.75	12.20	360	0.743
A740S32XX10	35	1070	0.21	8.5	0.64	10.50	0.21	0.80	14.40	485	0.527
A740S34XX10	50	1600	0.21	10.5	0.71	12.20	0.21	0.80	15.80	660	0.368
A740S37XX10	70	1427	0.26	12.5	1.20	15.50	0.21	1.16	20.00	950	0.259
A740S38XX10	95	1936	0.26	14.8	1.20	18.00	0.21	1.16	22.50	1205	0.196
A740S41XX10	120	2450	0.26	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 ⁶⁺ Free	PBB Free	PBDE Free
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