

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
- ✓ High temperature resistance
- ✓ Low Mechanical loads

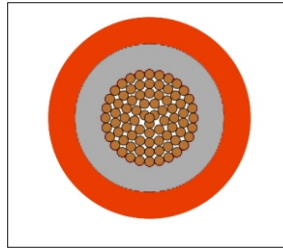
Product Construction

- ✓ Conductor : Annealed Plain Flexible Copper Conductor (Asymmetrical, Structure B)
- ✓ Insulation : EVA (Thin wall)
- ✓ 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
- ✓ 13X : EBXL-XLPO
- ✓ B : Asymmetrical (Structure B)
- ✓ Standard : ISO 6722 & Class E & LV 216-2

2D View



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

Automotive Cables **FHLR4G13X - B**

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 ²	nos.	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
A738S06XX10	0.5	16	0.21	1.10	0.22	1.60	0.38	3.0	13	37.1
A738S08XX10	0.75	24	0.21	1.30	0.24	1.90	0.38	3.4	16	24.7
A738S10XX10	1	32	0.21	1.50	0.24	2.10	0.38	3.6	19	18.5
A738S13XX10	1.5	30	0.26	1.70	0.24	2.40	0.38	3.9	25	12.7
A738S16XX10	2.5	50	0.26	2.20	0.28	3.00	0.38	4.5	37	7.60
A738S19XX10	4	56	0.31	2.80	0.32	3.70	0.38	5.2	55	4.71
A738S23XX10	6	84	0.31	3.40	0.32	4.30	0.46	6.0	78	3.14

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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