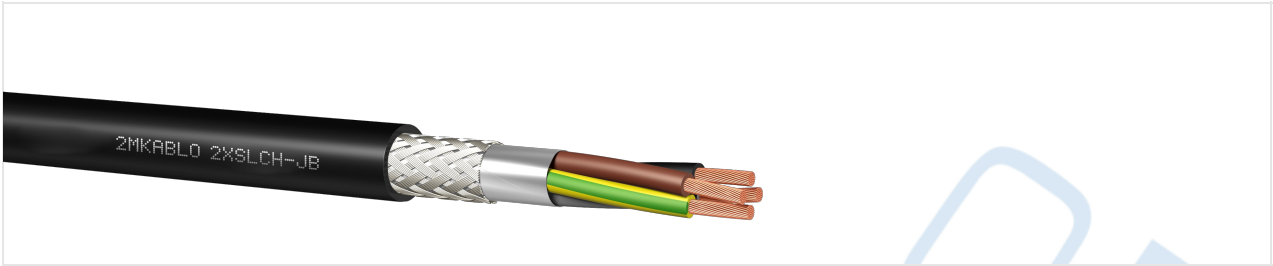


2XSLCH-JB



Areas of Use

Used in frequency converter controlled motors for control and/or power purposes, and suitable for use in dry, moist or wet environments in heavy industries. HFFR types are less flammable in case of fire, mostly self-extinguishing, have low smoke density and they do not emit poisonous and corrosive gasses during a fire.

Cable Construction

Conductor	Stranded Annealed Copper (IEC/EN 60228, Class 5)
Insulation	XLPE (Cross-Linked Polyethylene)
Core Colors	HD 308 S2
Lay-up	4 cores twisted together
Separator	Al-PET Foil
Screen	Tinned Copper Wire Braid
Outer Sheath	Halogen Free Flame Retardant Compound (HFFR/LSZH/LSOH/FRNC), RAL 9005 - Black
Reference Standards	Based on IEC 60502-1

Technical Properties

Operating Voltage	0.6/1 kV
Test Voltage	3.5 kV
Temperature Range	Operating: -30°C...+90°C, Installation: -10°C...+90°C
Smoke Density	IEC 61034-1/2
Corrosive Gases Measurement	IEC 60754-1/2
Min. Bending Radius	10 x Cable Diameter
Flame Retardancy	IEC 60332-1-2, IEC 60332-3-24
Conductor Resistance	IEC/EN 60228

Cross Section

Configuration / Cross-Section (mm/mm ²)	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
4x1.5	11,3	63	169
4x2.5	12,3	97	216
4x4	13,7	148	286
4x4	13,7	148	286
4x6	15,1	217	373
4x6	15,1	217	373
4x10	17,3	361	545
4x10	17,3	361	545

4x16	19,8	561	778
4x16	19,8	561	778
4x25	24,1	868	1158
4x25	24,1	868	1158
4x35	26,3	1219	1542
4x35	26,3	1219	1542
4x50	30,3	1728	2132
4x50	30,3	1728	2132
4x70	35,4	2436	2945
4x70	35,4	2436	2945
4x95	41,1	3166	3826
4x95	41,1	3166	3826
4x120	45,3	4228	4974
4x120	45,3	4228	4974
4x150	52,1	5226	6162
4x150	52,1	5226	6162
4x185	56,4	6595	7710
4x185	56,4	6595	7710
4x240	68,1	8299	9755
4x240	68,1	8299	9755

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