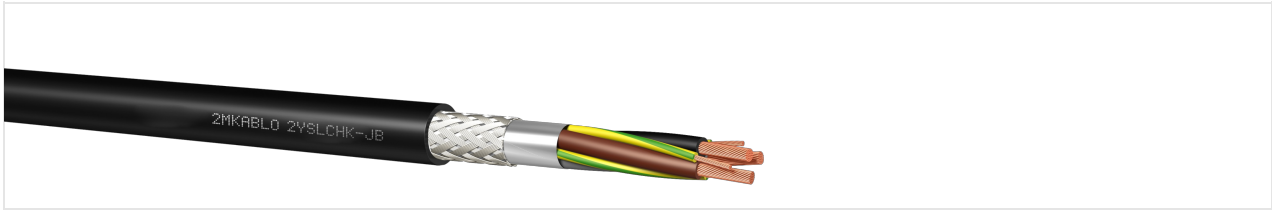


## 2YSLCHK-JB



### 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. Symmetrical core oriented type provides smaller cross-section for grounding wires. This structure protects the connected system from high-frequency discharge currents. HFFR types are less flammable in case of fire, mostly self-extinguishing, have low smoke density, and do not emit poisonous and corrosive gasses during a fire.

### Cable Construction

<b>Conductor</b>	Stranded Annealed Copper (IEC/EN 60228, Class 5)
<b>Insulation</b>	PE (Polyethylene)
<b>Core Colors</b>	HD 308 S2
<b>Lay-up</b>	3 power cores twisted together and 3 ground cores arranged symmetrically in the interstices
<b>Separator</b>	Al-PET Foil
<b>Outer Sheath</b>	Halogen Free Flame Retardant Compound (HFFR/LSZH/LSOH/FRNC), RAL 9005 - Black
<b>Screen</b>	Tinned Copper Wire Braid
<b>Reference Standards</b>	Based on IEC 60502-1

### Technical Properties

<b>Operating Voltage</b>	0.6/1 kV
<b>Test Voltage</b>	3.5 kV
<b>Temperature Range</b>	Operating: -30°C...+80°C, Installation: -10°C...+80°C
<b>Smoke Density</b>	IEC 61034-1/2
<b>Corrosive Gases Measurement</b>	IEC 60754-1/2
<b>Min. Bending Radius</b>	10 x Cable Diameter
<b>Flame Retardancy</b>	IEC 60332-1-2, IEC 60332-3-24
<b>Conductor Resistance</b>	IEC/EN 60228

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