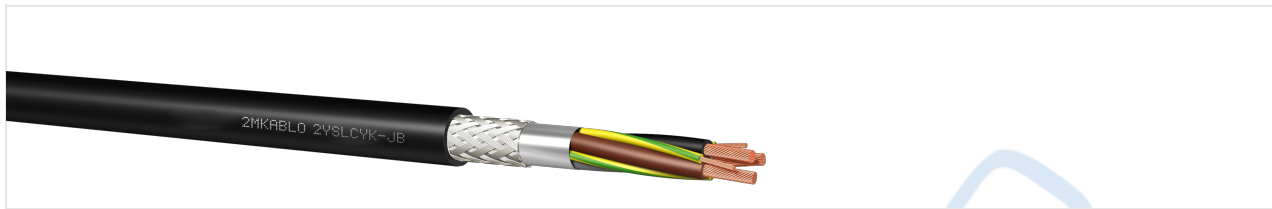


2YSLCYK-JB



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 a smaller cross-section for grounding wires. This structure protects the connected system from high-frequency discharge currents.

Cable Construction

Conductor	Stranded Annealed Copper (IEC/EN 60228, Class 5)
Insulation	PE (Polyethylene)
Core Colors	HD 308 S2
Lay-up	3 power cores twisted together and 3 ground cores arranged symmetrically in the interstices
Separator	Al-PET Foil
Screen	Tinned Copper Wire Braid
Outer Sheath	PVC (Polyvinyl Chloride), RAL 9005 - Black (Transparent outer sheath is available upon request)
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...+70°C, Installation: -5°C...+70°C
Flame Retardancy	IEC 60332-1-2
Min. Bending Radius	10 x Cable Diameter
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)
3x1.5+3G0.25	10,5	56	152
3x1.5+3G0.25	10,5	56	152
3x2.5+3G0.5	12,7	90	220
3x2.5+3G0.5	12,7	90	220
3x4+3G0.75	13,8	135	280
3x4+3G0.75	13,8	135	280
3x6+3G1	14,9	193	353
3x6+3G1	14,9	193	353
3x10+3G1.5	16,5	312	491
3x10+3G1.5	16,5	312	491

3x16+3G2.5	18,6	486	694
3x16+3G2.5	18,6	486	694
3x25+3G4	21,9	753	1020
3x25+3G4	21,9	753	1020
3x35+3G6	24,1	1061	1361
3x35+3G6	24,1	1061	1361
3x50+3G10	27,9	1564	1932
3x50+3G10	27,9	1564	1932
3x70+3G10	32,1	2086	2553
3x70+3G10	32,1	2086	2553
3x95+3G16	37,4	2782	3398
3x95+3G16	37,4	2782	3398
3x120+3G16	40,7	3520	4192
3x120+3G16	40,7	3520	4192
3x150+3G25	47,2	4536	5417
3x150+3G25	47,2	4536	5417
3x185+3G35	50,9	5816	6833
3x185+3G35	50,9	5816	6833
3x240+3G50	61,5	7464	8821
3x240+3G50	61,5	7464	8821

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