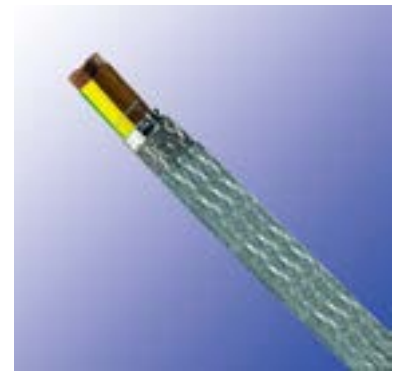




9YSLCY-JB

Application

These cables are double shielded, large gauge size PVC motor supply cable. Polypropylene insulation over very fine stranded copper provides a low-loss transfer of power, excellent low capacitance performance and superior flexibility when compared to conventional PVC cables. The applications include frequency converters, motor runs, connections with high electromagnetic interference. Found in the automotive, paper and food industry, environmental technology, packaging industry, machine tools and handling equipment. The overall foil and braid shield offer excellent protection against electromagnetic and electrical interferences. For medium mechanical stresses found indoors in dry, moist and wet areas.



Standard

UL AWM 2570 or 20886, VW-1; CSA AWM I/II A/B, FT-1; UL/CSA rated 1kV 80 Deg C.; VDE 0250, VDE 0207, VDE 0276; EMC to EN 55011; EMC to VDE-0875 part-11; CE Low Voltage Directive 73/23/EEC and 93/68/EEC, ROHS compliant

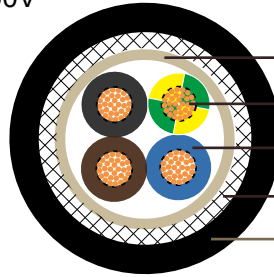
Cable construction

- Stranded bare copper conductor according to DIN VDE 0295, IEC60228 cl. 5
- Polypropylene (PP) insulation
- Colours according to HD 308 S2(VDE 0293- 308)
- Special aluminum foil screening
- Tinned copper braiding, coverage approx. 85%
- Transparent PVC sheath made of PVC compound YM2 acc. VDE 0207 -5, leadfree, flame retardant & self-extinguishing



Technical Characteristics

- Working voltage: IEC 600/1000V / UL & CSA 1000V
- Test voltage: 4000 volts
- Minimum bending radius: 15 x Ø
- Flexing temperature: -5° C to +80° C
- Fixed installation temperature: - 40° C to +80° C
- Flame retardant: IEC 60332.1 VW-1
- Insulation resistance: >20 GΩ x km



- Aluminum foil screen
- Bare copper conductor
- PP insulation
- Tinned copper braid
- PVC outer jacket

9YSLCY-JB

Cable Parameter

AWG	No. of Cores x Nominal Cross Sectional Area # x mm ²	Nominal Overall Diameter mm	Copper Weight kg / km	Cable Weight kg / km
16(30/30)	4 G 1.5	10.5	87	230
14(50/30)	4 G 2.5	11.8	133	300
12(56/28)	4 G 4	13.3	213	485
10(84/28)	4 G 6	14.9	298	630
8(80/26)	4 G 10	17.7	460	860
6(128/26)	4 G 16	21.5	707	1290
4(200/26)	4 G 25	26.3	1100	1860
2(280/26)	4 G 35	29.7	1542	2610
1(400/26)	4 G 50	34.1	2206	2950
2/0(356/24)	4 G 95	40.9	3002	3950
3/0(485/24)	4 G 95	45.4	4004	5300
4/0(614/24)	4 G 120	49.8	5108	6600
300 MCM (765/24)	4 G 150	56.1	6225	7043
350 MCM (944/24)	4 G 185	61.4	7568	8384
500 MCM (1225/24)	4 G 240	67.9	9940	12150