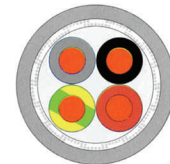


2YSLCY-JB Motor Connection



2YSLCY-JB is a double shielded, large gauge size, PVC motor supply cable. Polyethylene 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. **2YSLCY-JB** 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.



Construction:

- Fine bare copper strands
- Strands to VDE-0295 class.5, IEC 60228 CI-5
- Special polyethylene (PE) core insulation
- Color code VDE-0293-308 (HD 308 S2)
- Ground wire in outer layer
- Aluminum foil wrapping over cores
- 85% tinned copper braid shield
- Special transparent PVC outer jacket
- **Extremely oil & chemical resistant**

Technical:

- Working voltage: 600/1000 volts
- Test power voltage: 4000 volts
- Flexing bending radius: 15 x Ø
- Static bending radius: 4 x Ø
- Flexing temp range: -5° C to +70° C
- Static temp range: -40° C to +70° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 200 MΩ x km

Approvals:

- adapted to VDE 0250 & 0281
- EMC to EN 55011
- EMC to VDE-0875 part-11
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	LBS/MFT	AMPS
16 AWG (30/30) 1,50mm ² 9001604	4	0.417" / 10.6mm	64	154	18
14 AWG (50/30) 2,50mm ² 9001404	4	0.484" / 12.3mm	101	204	26
12 AWG (56/28) 4,00mm ² 9001204	4	0.571" / 14.5mm	158	325	34
10 AWG (84/28) 6,0mm ² 9001004	4	0.646" / 16.4mm	215	425	44
8 AWG (80/26) 10,0mm ² 9000804	4	0.791" / 20.1mm	358	579	61
6 AWG (128/26) 16,0mm ² 9000604	4	0.921" / 23.4mm	529	866	82
4 AWG (200/26) 25,0mm ² 9000404	4	1.063" / 27.0mm	829	1249	108
2 AWG (280/26) 35,0mm ² 9000204	4	1.209" / 30.7mm	1115	1751	135
1 AWG (400/26) 50,0mm ² 9000104	4	1.421" / 36.1mm	1573	1982	168
2/0 AWG (356/24) 70,0mm ² 9002104	4	1.665" / 42.3mm	2144	2651	207
3/0 AWG (485/24) 95,0mm ² 9003104	4	1.878" / 47.7mm	2895	3558	250
4/0 AWG (614/24) 120,0mm ² 9004104	4	2.043" / 51.9mm	3645	4430	292
300 MCM (765/24) 150,0mm ² 9003004	4	2.264" / 57.5mm	4289	4724	335
350 MCM (944/24) 185,0mm ² 9003504	4	2.406" / 61.1mm	5124	5623	382
500 MCM (1225/24) 240,0mm ² 9005004	4	2.728" / 69.3mm	7418	8182	427

* All sizes available in a black UV-resistant jacket (901) 2YSLCYK-JB