

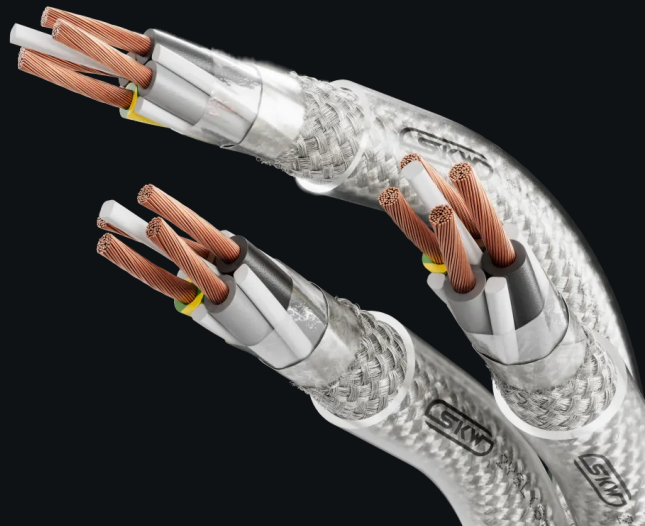


We Make Modern  
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AUTOMATION AND MOTOR SUPPLY CABLES

# 2YSL(St)CY-J 0.6/1 kV EMV

PE/PVC motor power supply cable, screened



## TECHNICAL DATA



**Standard**  
DIN VDE 0276-603



**Test Voltage**  
4000 V / 50 Hz



**Rated Voltage**  
0.6/1 kV (U<sub>0</sub>/U)



**Bending radius (min.)**  
Fixed installation: 5 x  $\phi$  of cable  
Flexible use: 15 x  $\phi$  of cable



**Fire properties**  
EN 60332-1-2: self-extinguishing and flame retardant  
CPR classification: Eca



**Core identification**  
Colours according to CENELEC HD 308 S2



**Temperature range**  
Conductor temperature: max. 70°C  
Fixed installation: -30°C up to 80°C  
Flexible use: -5°C up to 70°C

## DESIGN



1

Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228

2

Core insulation of polyethylene (PE)

3

Cores are stranded together with optimal lay-length

4

Plastic tape separation (optional)

5

Plastic bonded aluminium tape and tinned copper wire braiding

6

Outer sheath of special compound of polyvinyl chloride (PVC), colour: black (RAL 9005) for 2YSL(St)CYK-J or transparent for 2YSL(St)CY-J

| Number of cores x nominal cross-section (mm <sup>2</sup> ) | Outer diameter appr. (mm) | Cu-value (kg/km) | Total weight appr. (kg/km) |
|------------------------------------------------------------|---------------------------|------------------|----------------------------|
| 4 G 1.5                                                    | 10.6                      | 95               | 244                        |
| 4 G 2.5                                                    | 12.3                      | 150              | 318                        |
| 4 G 4                                                      | 14.0                      | 235              | 513                        |
| 4 G 6                                                      | 16.1                      | 320              | 670                        |
| 4 G 10                                                     | 19.7                      | 533              | 914                        |
| 4 G 16                                                     | 23.0                      | 789              | 1367                       |
| 4 G 25                                                     | 27.3                      | 1236             | 1970                       |
| 4 G 35                                                     | 30.3                      | 1662             | 2763                       |
| 4 G 50                                                     | 35.0                      | 2345             | 3126                       |
| 4 G 70                                                     | 40.0                      | 3196             | 4182                       |
| 4 G 95                                                     | 45.0                      | 4316             | 5725                       |

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