

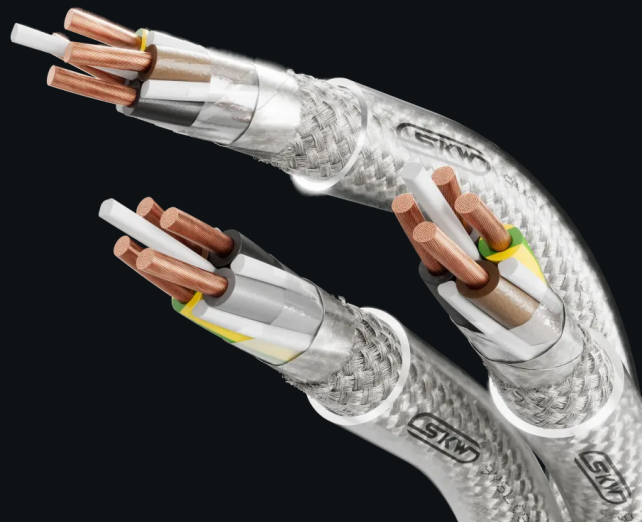


We Make Modern
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AUTOMATION AND MOTOR SUPPLY CABLES

9YSL(St)CY-J 0.6/1 kV EMV UL/c(UL)

UL recognized PP/PVC motor power supply
cable, screened



TECHNICAL DATA



Standard
DIN VDE 0276-603



Certificate
UL AWM Style 2570 CSA C22.2 No. 210-11,
AWM



Test Voltage
4000 V / 50 Hz



Rated Voltage
0.6/1 kV (U₀/U)
1000 V (UL/CSA)



Bending radius (min.)
Fixed installation: 5x Ø of cable
Flexible use: 15 x Ø of cable



Fire properties
EN 60332-1-2: self-extinguishing and flame
retardant
UL: vertical flame test VW-1, cable flame test
CSA: FT1



Core identification
Colours according to CENELEC HD 308 S2



Temperature range
Conductor temperature: max. 80°C
Fixed installation: -40°C up to 80°C
Flexible use: -5°C up to 80°C

DESIGN



1

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

2

Core insulation of polypropylene compound (PP)

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 9YSL(St)CYK-J or
transparent for 9YSL(St)CY-J

Number of cores x nominal cross-section (mm ²)	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
4 G 1.5	10.5	87	151
4 G 2.5	11.8	133	207
4 G 4	13.3	213	272
4 G 6	14.9	298	371
4 G 10	17.7	460	557
4 G 16	21.5	707	1218
4 G 25	26.3	1100	1367
4 G 35	29.7	1542	1763
4 G 50	35.8	2206	2318
4 G 70	40.9	3002	3253
4 G 95	44.6	4004	4201

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