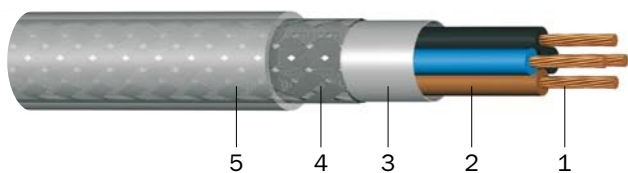


2YSL(St)CY-J (Praflex EMV)

Motor power supply cable, screened
Standard: similar to DIN VDE 0276 (HD 603)

Application:

This cable is especially suitable for the EMC-optimized connection between frequency converters and motors. For the use under medium mechanical stress, for fixed installation resp. occasionally moved, for indoor and outdoor applications but not for underground installation.



Construction:

- 1 Copper conductor, fine wire
- 2 Insulation (PE), cores stranded in layers
- 3 Screen (aluminium/plastic laminate tape)
- 4 Braided screen (tinned copper wires)
- 5 Sheath (PVC, transparent or black)



Rated voltage: 0.6/1 kV



Test voltage: 4 kV/50 Hz



Temperature range:
 During installation: min. +5 °C
 Operating temperature: fixed -20 °C to +70 °C
 moved +5 °C to +70 °C
 Conductor temperature: max. +70 °C
 Short circuit temperature of the conductor: max. +160 °C/5 s



Bending radius (min.):
 fixed installed 5 x Ø up to 12 mm Ø
 7.5 x Ø 12 to 20 mm Ø
 above: 10 x Ø
 moveable installed 10 x Ø up to 12 mm Ø
 15 x Ø 12 to 20 mm Ø
 above: 20 x Ø



Core identification: colour code (DIN VDE 0293)



Flammability: Self extinguishing (EN 50265-2-1, IEC 60332-1)

Number of cores x nominal cross section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/packing (m)	Price (EUR/km)
2YSL(St)CY-J (Praflex EMV)						
4 x 1.5	13.300	10.6	94	230	500 T, 1000 T	5,232.38
4 x 2.5	7.980	12.3	156	300	500 T, 1000 T	5,502.81
4 x 4	4.950	14.5	224	465	500 T, 1000 T	8,321.21
4 x 6	3.300	16.4	302	533	500 T, 1000 T	9,777.34
4 x 10	1.910	20.1	490	863	500 T, 1000 T	14,210.51
4 x 16	1.210	23.4	740	1,291	500 T, 1000 T	20,484.95
4 x 25	0.780	27.0	1,134	1,862	500 T, 1000 T	31,795.29
4 x 35	0.554	30.7	1,663	2,611	500 T, 1000 T	39,491.54
4 x 50	0.386	36.1	2,188	2,955	500 T, 1000 T	52,013.88
4 x 70	0.272	42.3	3,196	3,953	500 T	a.A.
4 x 95	0.206	47.7	4,316	5,304	500 T	a.A.
4 x 120	0.161	51.9	5,455	6,504	500 T	a.A.
4 x 150	0.129	57.5	6,394	7,043	300 T	a.A.
4 x 185	0.106	61.1	7,639	8,384	300 T	a.A.

Note: Other constructions (3 1/2 core) are deliverable on request. Subject to technical changes. All figures are therefore without guarantee.