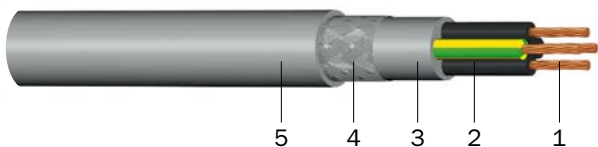


# SLCM (SKW MOTORFLEX-C)

**PVC motor power supply cable, screened**  
**Standard: SKW standard**

**Application:**

For the use under medium mechanical stress, for fixed resp. occasionally moved installation in dry and wet rooms. The screen avoids the transmission of electromagnetic interferences to other cables and adjacent electrical components. Especially recommended for the connection between frequency converters and motors.



**Construction:**

- 1 Copper conductor, fine wire
- 2 Insulation (PVC), cores stranded in layers
- 3 Inner sheath (PVC), grey
- 4 Braided screen (tinned copper wires)
- 5 Sheath (PVC, grey or black)

- Rated voltage:** 0.6/1 kV
- Test voltage:** 4000 Veff
- 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 to 12 mm Ø  
 7,5 x Ø 12 to 20 mm Ø  
 above: 10 x Ø  
 moveable installed 10 x Ø to 12 mm Ø  
 15 x Ø 12 to 20 mm Ø  
 above: 20 x Ø
- Core identification:**  
 black with white numbers, PE-conductor gnye (outer layer)
- Flammability:**  
 Self extinguishing (EN 50265-2-1, IEC 60332-1)

Energy cables

Number of cores x nominal cross section (mm <sup>2</sup> )	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)
<b>SLCM (SKW MOTORFLEX-C)</b>						
4 x 1.5	13.300	12.0	101	230	500 T, 1000 T	4,704.42
4 x 2.5	7.980	13.5	158	310	500 T, 1000 T	5,290.08
4 x 4	4.950	16.0	258	490	500 T, 1000 T	8,070.43
4 x 6	3.300	19.0	345	630	500 T, 1000 T	9,348.49
4 x 10	1.910	21.5	554	860	500 T, 1000 T	12,614.22
4 x 16	1.210	25.5	821	1,260	500 T, 1000 T	18,290.10
4 x 25	0.780	30.0	1,285	1,910	500 T, 1000 T	29,169.98
4 x 35	0.554	33.0	1,752	2,580	500 T, 1000 T	36,481.69
4 x 50	0.368	37.0	2,475	3,720	500 T, 1000 T	48,457.12
4 x 70	0.272	41.0	3,324	4,300	500 T, 1000 T	66,090.87
4 x 95	0.206	47.0	4,489	5,600	500 T, 1000 T	91,241.39

Subject to technical changes. All figures are therefore without guarantee.