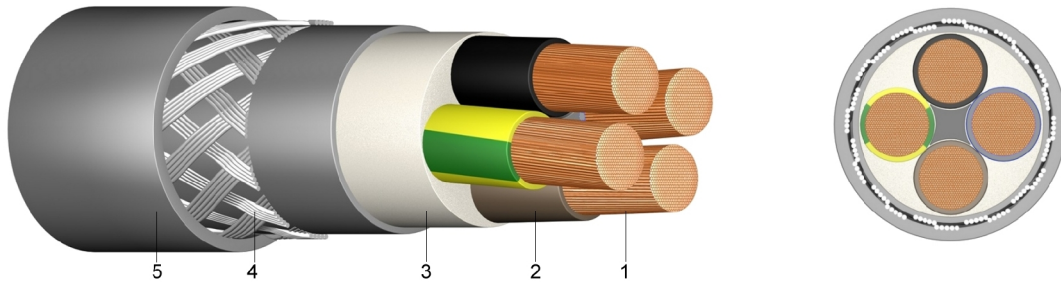


SLCM 0,6/1 kV PVC Composite Connection Cable with Copper Braiding

Application:

These connection cables are well suited for fixed installations and for flexible use e.g. in machine and plant engineering for medium-level mechanical stress in dry, damp and wet locations. With the copper braiding electrical and magnetic interferences exerted on other cables and wires or adjacent electric components are effectively suppressed. They are especially suitable as supply cables between frequency converters and servomotors.



Construction:

- 1 fine-stranded bare copper
- 2 core insulation of polyvinylchloride (PVC)
- 3 inner sheath of polyvinylchloride (PVC) or taping
- 4 screen of tinned copper braiding
- 5 outer sheath of polyvinylchloride (PVC), grey, increased oil resistant

Standards:

adapted to DIN EN 60228 class 5 (construction)
 HD 308 S2 (core identification)
 core identification: 1 core green/yellow, other cores black with figures

Technical data:

Nominal voltage U_0/U		[V]	600 / 1000 Volt
Test voltage at 50 Hz	core / core	[V] _{AC}	4000
	core / screen	[V] _{AC}	4000
Temperature range	in motion		+5°C till +70°C
	fixed		-30°C till +70°C
Bending radius	one time / fixed	x diameter	7,5
	in motion	x diameter	15,0
Flammability	standard		EN 60332-1-2

Number of core and nominal cross section mm ²	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter mm	Weight appr. kg/km
4 x 1,5	97,0	30 x 0,26	12,7	240
4 x 2,5	151,7	48 x 0,26	14,5	335
4 x 4	247,7	56 x 0,31	16,1	440
4 x 6	331,2	84 x 0,31	17,4	553
4 x 10	531,8	80 x 0,41	20,9	830
4 x 16	788,2	128 x 0,41	23,3	1.136
4 x 25	1.233,6	200 x 0,41	28,2	1.696
4 x 35	1.681,9	280 x 0,41	31,4	2.204
4 x 50 *	2.376,0	400 x 0,41	36,8	3.074
4 x 70 *	3.191,0	350 x 0,51	42,3	4.169
4 x 95 *	4.309,4	485 x 0,51	47,0	5.600

* with coloured cores according to HD 308 S2