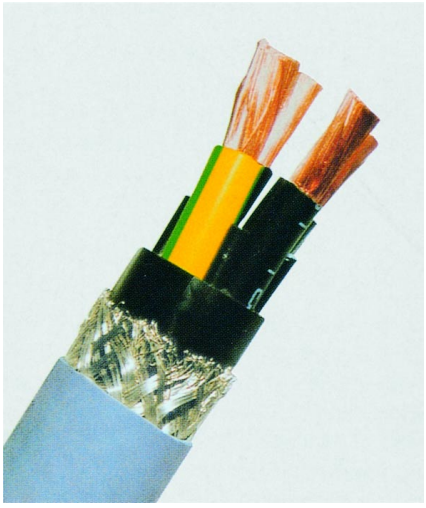
SLM
SLCM

PVC Composite Connection Cable
PVC Composite Connection Cable with Copper Braiding



Construction
fine-stranded bare copper conductors according to VDE 0295 class 5, core insulation of PVC, cores are stranded in layers, for SLCM there is a PVC inner sheath over the stranding and a screen of tinned copper braiding, PVC outer sheath, grey or black, increased oil resistant.

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.

Temperature range

In motion	- 5°C till + 70°C
For fixed installation	- 30°C till + 70°C

Minimum bending radius
10 x overall diameter

Number of cores and nominal cross section mm²	Price EUR / km	Copper figure kg / km	Largest single wire diameter mm	Overall diameter ca. mm	Weight ca. kg / km
SLM 0,6/1 KV					
4 x 1,5	**1.937,90**	60	0,26	11,0	170
4 x 2,5	**2.616,40**	100	0,26	12,4	235
4 x 4	**3.628,50**	160	0,31	13,8	330
4 x 6	**5.128,00**	240	0,31	15,9	460
4 x 10	**8.258,70**	400	0,41	19,6	740
4 x 16	**11.844,20**	640	0,41	23,8	1125
4 x 25	**18.340,90**	1000	0,41	29,5	1708
5 x 1,5	2.317,50	75	0,26	12,0	195
5 x 2,5	3.111,50	125	0,26	13,2	280
5 x 4	4.450,70	200	0,31	15,1	415
5 x 6	6.083,10	300	0,31	17,6	555
5 x 10	9.154,50	500	0,41	20,9	875
5 x 16	12.794,30	800	0,41	25,9	1295
SLCM 0,6/1 KV					
4 x 1,5	**4.044,60**	101	0,26	12,0	230
4 x 2,5	**4.548,10**	158	0,26	13,5	310
4 x 4	**6.938,50**	258	0,31	16,0	490
4 x 6	**8.037,30**	345	0,31	19,0	630
4 x 10	**10.845,00**	521	0,41	21,5	860
4 x 16	**15.724,80**	810	0,41	25,5	1260
4 x 25	**25.078,70**	1268	0,41	30,0	1910
4 x 35	**31.364,90**	1752	0,41	33,0	2580
4 x 50	**41.660,70**	2475	0,41	37,0	3720
4 x 70	**56.821,20**	3132	0,41	41,0	4300
4 x 95	**78.444,20**	4198	0,41	47,0	5600