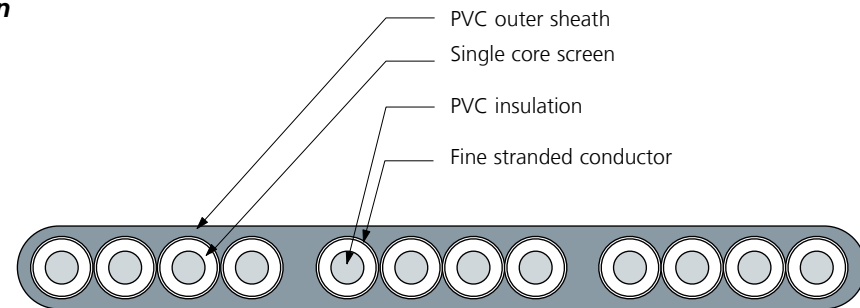


## SemoFlat® screened Screened PVC flat cables

### Description



### Application

Screened PVC flat cables are suited for use as energy and control cables, in particular for hoisting gears, transportation systems, machine tools for medium mechanical stresses and operationally strong bends in a single plane. Used in dry and damp areas.

### Design

Conductor: plain copper, fine/finest stranded according to VDE 0295 class 5 or 6  
 Insulation: PVC single screening with foil, copper braid or covering tinned, fleece  
 Core colour: according to VDE 0293, up to 5 cores -JB, from 7 cores -JZ  
 Core arrangement: cores flat parallel arranged  
 Sheath: PVC  
 Sheath colour: black, other colours on request  
 Imprint: SEMOFLAT® ( C )

### Thermal properties

Maximum temperature  
 for flexible installation: - 30°C up to + 70°C  
 for fixed operation: - 40°C up to + 70°C

### Technical data in case of 20°C

Nominal voltage: 300 / 500 V  
 Test voltage: core/core 2.500 V  
 core/screen 1.000 V  
 Conductor resistance: according to VDE 0295 class 5 or 6  
 Insulation resistance: > 20 MOhm x km

### Features

Bending radius: flexible application: 10 x cable diameter  
 Oil resistance: according to VDE 0472  
 Characteristic of combustion: flame resistant according to VDE 0472 part 804, test type B  
 Applied standards: similar to VDE 0281 part 403

**Particularity** EMV preferred

### SemoFlat® cable screened

Discount: \_\_\_\_\_

### Screened PVC flat cables EMV preferred type

Cross-section mm²	Price Euro / km Base CU 150	CU number kg/km	Outer Ø approx. mm	Weight approx. kg/km
4 x 1,5	5.865,-	114,0	18,8 x 5,8	202
4 x 2,5	7.328,-	133,0	21,0 x 6,9	278
4 x 4	10.543,-	222,0	24,4 x 7,6	307
4 x 6	12.618,-	313,0	30,3 x 9,2	589
4 x 10	17.908,-	522,0	35,8 x 10,5	835
4 x 16	24.458,-	784,0	41,2 x 12,5	1.243
4 x 25	33.249,-	1.163,0	48,2 x 14,4	1.759
4 x 35	38.925,-	1.549,0	48,2 x 14,4	2.052
5 x 1,5	6.725,-	112,0	22,0 x 5,6	239
5 x 2,5	8.979,-	189,3	29,1 x 6,8	396
7 x 1,5	9.701,-	156,0	33,5 x 5,8	368
7 x 2,5	11.808,-	229,0	34,0 x 7,0	475
8 x 1,5	11.206,-	179,0	35,6 x 5,8	417
8 x 2,5*	13.372,-	268,0	37,1 x 7,6	567
12 x 1,5	15.428,-	267,0	52,0 x 5,8	584
12 x 2,5*	16.514,-	385,0	47,6 x 6,0	550

\* a production is possible from 1000 meters

The corresponding flat cable screws can also be delivered.  
 Please see column 9 - accessories.