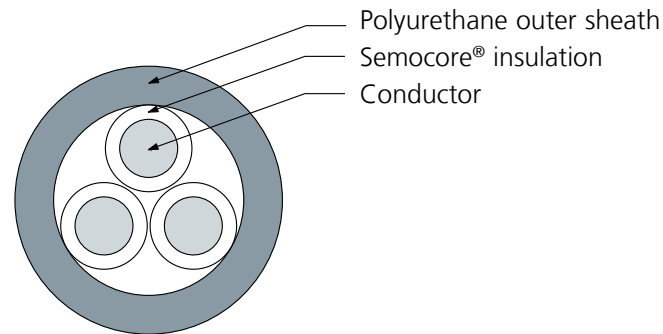


## Semoflex® Electronic

### The PUR cable for electronic applications

Halogen free

#### Description



#### Application

Semoflex® Electronic is used as a connection cable in the electronic industry. Because of the PUR outer sheath and the small outer diameter can be withstood mechanical stress and abrasion. This cable is suitable for all types of electronic applications including measuring instruments and can even be used in the medical and car industry.

#### Design

Conductor: plain copper according to VDE 0295  
0,14 mm<sup>2</sup> (18x0,10 mm) / 0,25 mm<sup>2</sup> (14x0,15 mm)  
0,50mm<sup>2</sup> (28x0,15 mm)

Insulation: Semocore®

Core colour: according to DIN 47 100

Core arrangement: cores twisted around with concentric layers, special lengths of layers

Wrapping: fleece

Sheath: PUR 11YM1

Sheath colour: black, shiny, other colours upon request

Imprint: without imprint

#### Thermal properties

Maximum temperature for flexible installation: - 30°C up to + 80°C  
for fixed operation: - 50°C up to + 80°C

#### Technical data in case of 20°C

Nominal voltage: 300 V

Test voltage: core/core 2.000 V

Conductor resistance: according to VDE 0295 class 5 or 6

Insulation resistance: > 20 MOhm x km

#### Features

Bending radius: flexible application: 7,5 x cable diameter

Oil resistance: according to DIN VDE 0472 part 803, test type B

Halogen free: the used basic materials are halogen free

#### Particularity

- microbe-proof as far as possible
- this type can be delivered with individual imprint
- resistant against oils and acids as far as possible
- abrasion-proof
- flexible at lower temperatures
- the cable is also available as spiral cable

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

Cross-section mm <sup>2</sup>	Price Euro / km Base CU 150	CU number kg/km	Outer Ø approx. mm	Weight approx. kg/km
2 x 0,14	405,-	2,7	3,0	11
3 x 0,14	470,-	4,1	3,2	14
4 x 0,14	574,-	5,4	3,4	15
5 x 0,14	737,-	6,8	3,8	20
6 x 0,14	781,-	8,1	4,1	23
7 x 0,14	819,-	9,7	4,5	28
8 x 0,14	885,-	10,8	5,0	34
10 x 0,14	1.183,-	13,5	5,2	35
12 x 0,14	1.491,-	16,2	5,3	39
18 x 0,14	2.201,-	24,2	6,4	57
25 x 0,14	3.031,-	33,6	7,4	88
30 x 0,14	3.774,-	43,2	7,8	92
2 x 0,25	592,-	4,8	3,5	16
3 x 0,25	636,-	7,3	3,8	20
4 x 0,25	716,-	9,6	4,0	23
5 x 0,25	874,-	12,0	4,3	27
6 x 0,25	992,-	14,4	4,7	33
7 x 0,25	1.182,-	16,8	5,1	39
8 x 0,25	1.371,-	19,2	5,7	48
12 x 0,25	1.671,-	28,8	6,2	57
18 x 0,25	2.531,-	43,3	7,4	85
25 x 0,25	3.319,-	60,0	8,8	115
2 x 0,34	754,-	6,6	4,2	22
3 x 0,34	941,-	9,8	4,4	36
4 x 0,34	990,-	13,6	4,7	42
5 x 0,34	1.142,-	17,0	5,3	51
6 x 0,34	1.499,-	20,4	5,8	52
7 x 0,34	1.540,-	23,8	6,2	58
8 x 0,34	1.741,-	27,2	6,6	76
12 x 0,34	2.599,-	40,8	7,4	97
18 x 0,34	4.070,-	61,2	8,5	133
25 x 0,34	5.115,-	85,0	10,4	183
2 x 0,50	764,-	9,6	4,4	26
3 x 0,50	950,-	14,4	4,6	31
4 x 0,50	999,-	19,2	4,8	36
5 x 0,50	1.153,-	24,0	5,5	47
6 x 0,50	1.519,-	28,8	6,1	58
8 x 0,50	1.758,-	38,4	7,1	75
10 x 0,50	2.124,-	48,0	7,6	86
12 x 0,50	2.630,-	57,6	8,0	101
18 x 0,50	4.120,-	86,4	9,5	148

Options: This type is also available as spiral cable.