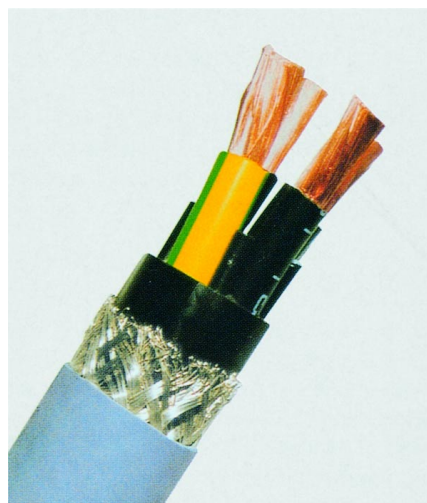


**SLM**  
**SLCM**

**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**

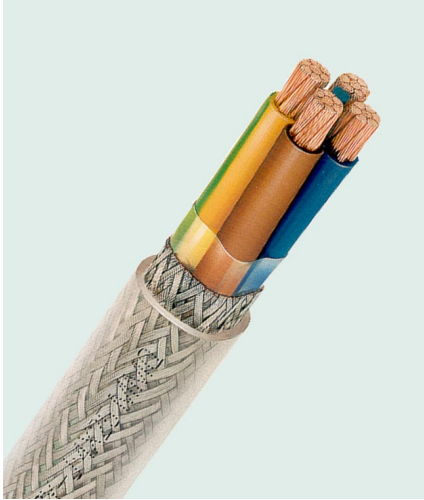
10 x overall diameter

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

## 2YSLCY

## PVC Composite Connection Cable with Copper Braiding

adapted to DIN VDE 0281



### Construction

Fine-stranded bare copper conductors according to VDE 0295 class 5, core insulation of polyethylene, foil, a concentric screen of tinned copper wires, PVC outer sheath, transparent.

### Application

These composite connection cables are produced according to the European EMV Guidelines and are particularly suitable for plants and facilities with appliances and electrical equipment of which electromagnetic interference fields could have an undue influence on the surroundings. These connection cables are well suited for fixed installations and for flexible use in motive power engineering with frequency converting technology (e.g. machine and plant engineering) for medium-level mechanical loads in dry, damp and wet locations.

### Temperature range

In motion + 5°C till + 70°C  
For fixed installation - 40°C till + 70°C

### Permissible temperature on the conductor

For steady load + 70°C  
During short circuit + 160°C

| Number of cores and nominal cross section mm <sup>2</sup> | Price EUR / km   | Copper figure kg / km | Largest single wire diameter mm | Overall diameter ca. mm | Weight ca. kg / km |
|---|------------------|-----------------------|---------------------------------|-------------------------|--------------------|
| <b>2YSLCY-J 0,6/1 KV</b>                                  |                  |                       |                                 |                         |                    |
| 4 x 1,5   | <b>4.498,50</b>  | 94                    | 0,25                            | 10,6                    | 230                |
| 4 x 2,5   | <b>4.731,00</b>  | 156                   | 0,25                            | 12,3                    | 300                |
| 4 x 4   | <b>7.154,10</b>  | 224                   | 0,30                            | 14,5                    | 485                |
| 4 x 6   | <b>8.406,00</b>  | 302                   | 0,30                            | 16,4                    | 630                |
| 4 x 10  | <b>12.217,40</b> | 490                   | 0,40                            | 20,1                    | 860                |
| 4 x 16  | <b>17.611,80</b> | 740                   | 0,40                            | 23,4                    | 1290               |
| 4 x 25  | <b>27.335,80</b> | 1063                  | 0,40                            | 27,0                    | 1860               |
| 4 x 35  | <b>33.952,60</b> | 1563                  | 0,40                            | 30,7                    | 2610               |
| 4 x 50  | <b>44.718,60</b> | 2188                  | 0,40                            | 36,1                    | 2950               |