

## **PVC insulated, multi core, PVC sheathed, power cable**

### **Application:**

- For electrical energy supplying in open air, underground, water, indoors, cable ducts, power station, etc. where mechanical damages are not to be expected.

### **Standard:**

- VDE 0271  
- IEC 60502-1

### **Construction:**

- Plain annealed copper conductor, class 1 & 2.  
- PVC insulation, type A.  
- PVC sheath type ST 2.

### **General specification:**

- Rated voltage: 0.6/1 KV.  
- Working temperature: Max. 90 °C.  
- Code designation: NYY

Cross-sectional area Nom. mm <sup>2</sup>	Insulation thickness mm	Sheath thickness mm	Mean overall diameter mm	Weight Approx. kg/km	Conductor resistance at 20°C Max. Ω/km
1 x 4	1.0	1.4	7.4	112	4.61
1 x 6	1.0	1.4	8.0	136	3.08
1 x 10	1.0	1.4	8.9	180	1.83
1 x 16	1.0	1.4	10.0	235	1.15
1 x 25	1.2	1.4	11.7	365	0.727
1 x 35	1.2	1.4	12.8	468	0.524
2 x 1.5	0.8	1.8	11.6	185	12.1
2 x 2.5	0.8	1.8	12.5	225	7.41
2 x 4	1.0	1.8	14.2	300	4.61
2 x 6	1.0	1.8	15.2	370	3.08
2 x 10	1.0	1.8	16.9	495	1.83
2 x 16	1.0	1.8	19.8	705	1.15
2 x 25	1.2	1.8	23.0	960	0.727

<b>3 x 1.5 re</b>	<b>0.8</b>	<b>1.8</b>	<b>12.0</b>	<b>207</b>	<b>12.1</b>
<b>3 x 2.5 re</b>	<b>0.8</b>	<b>1.8</b>	<b>12.9</b>	<b>255</b>	<b>7.41</b>
<b>3 x 4 re</b>	<b>1.0</b>	<b>1.8</b>	<b>14.8</b>	<b>350</b>	<b>4.61</b>
<b>3 x 6 re</b>	<b>1.0</b>	<b>1.8</b>	<b>15.8</b>	<b>430</b>	<b>3.08</b>
<b>3 x 10 rm</b>	<b>1.0</b>	<b>1.8</b>	<b>18.6</b>	<b>635</b>	<b>1.83</b>
<b>3 x 16 rm</b>	<b>1.0</b>	<b>1.8</b>	<b>20.9</b>	<b>870</b>	<b>1.15</b>
<b>4 x 1.5 re</b>	<b>0.8</b>	<b>1.8</b>	<b>12.8</b>	<b>239</b>	<b>12.1</b>
<b>4 x 2.5 re</b>	<b>0.8</b>	<b>1.8</b>	<b>13.8</b>	<b>300</b>	<b>7.41</b>
<b>4 x 4 re</b>	<b>1.0</b>	<b>1.8</b>	<b>15.9</b>	<b>413</b>	<b>4.61</b>
<b>4 x 6 re</b>	<b>1.0</b>	<b>1.8</b>	<b>17.1</b>	<b>520</b>	<b>3.08</b>
<b>4 x 10 rm</b>	<b>1.0</b>	<b>1.8</b>	<b>20.2</b>	<b>772</b>	<b>1.83</b>
<b>5 x 1.5</b>	<b>0.8</b>	<b>1.8</b>	<b>13.7</b>	<b>272</b>	<b>12.1</b>
<b>5 x 2.5</b>	<b>0.8</b>	<b>1.8</b>	<b>14.8</b>	<b>350</b>	<b>7.41</b>
<b>5 x 4</b>	<b>1.0</b>	<b>1.8</b>	<b>17.1</b>	<b>490</b>	<b>4.61</b>
<b>5 x 6</b>	<b>1.0</b>	<b>1.8</b>	<b>18.5</b>	<b>608</b>	<b>3.08</b>
<b>5 x 10</b>	<b>1.0</b>	<b>1.8</b>	<b>22.0</b>	<b>915</b>	<b>1.83</b>