**Technical data**

**Flexible installation cable for power station systems and industrial electronic systems.**

**Preferred application:**
Connection cables for control and regulation systems, measuring and signalling systems, especially in power stations and for power generation systems.

**Special feature:**
Suitable for Maxi-Terminal Point wiring.

**Cable structure:**
Conductors of fine-wire plain copper strands 7 x 0.30 mm Ø = 0.50 mm²

Suitable for Maxi-Terminal Point wiring. and for power generation systems.

**Measurement and signalling systems, especially in power stations.**

**Connection cables for control and regulation systems,** and industrial electronic systems.

**Colour sequence**
(visual coverage ≥ 90%). The outer jacket is of PVC, light grey as per RAL 7032.

The bundle of cores is wrapped with an overlapping layer of plastic foil and then shielded with braided, tinned copper wires wrapped with an overlapping layer of transparent foil 0.019 mm Ø

**Wall thickness of the core insulation:** > 0.25 mm

Cut-through resistant for Maxi-Terminal Point wiring.

**Insulated with SR-PVC (Semi-Rigid Polyvinyl Chloride), a-core blue grey green white**

**Net price including copper**

<table>
<thead>
<tr>
<th>Weight (kg / 100 m)</th>
<th>Total Ø (approx. mm)</th>
<th>Usually available ex-stock</th>
<th>Sample quantities under 100 metres</th>
<th>in EUR per 1 m on collection 100 m upwards</th>
<th>Ordering information</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.3</td>
<td>7.5</td>
<td>2 pairs = 4 cores</td>
<td>1.90</td>
<td>128.00</td>
<td>2 x 2 - 59*</td>
</tr>
<tr>
<td>11.7</td>
<td>10.0</td>
<td>4 pairs = 8 cores</td>
<td>2.85</td>
<td>192.00</td>
<td>4 x 2 - 59*</td>
</tr>
<tr>
<td>21.2</td>
<td>13.0</td>
<td>8 pairs = 16 cores</td>
<td>4.10</td>
<td>—</td>
<td>8 x 2 - 59*</td>
</tr>
<tr>
<td>28.7</td>
<td>15.0</td>
<td>12 pairs = 24 cores</td>
<td>5.35</td>
<td>358.00</td>
<td>12 x 2 - 59*</td>
</tr>
</tbody>
</table>

**Normal stock unit:** 100-m ring. Short sample (20 cm) free of charge. *Items to be sold off

**Technical data**

**Application suggestion**
For interference-free transmission of audio, data and pulse signals. Suitable for permanent installation on and under plaster, in dry and wet rooms and on buildings outdoors.

**Special features**
The aluminium foil embedded in plastics and the additional copper drain wire provide 100% shielding against external electrical interference. The large production quantities resulting from the many possible applications make these cables especially good value for money.

**Construction data**
Conductors: plain copper wire, 0.6 mm Ø = 0.28 mm². Core insulation: PVC, coloured.

Twisted structure: 2 cores are twisted to a pair, 2 to 12 pairs are then twisted together (in layers) and wrapped with an overlapping layer of transparent foil 0.019 mm Ø

**Shielding:**
When the copper drain wire is earthed, the aluminium foil embedded in plastics provides 100% protection from external electrical interference. Drain wire Ø 0.4 mm (up to 10 pairs), Ø 0.6 mm (12 pairs or more).

**Outer jacket:**
largely oil and petrol resistant PVC, light grey as per RAL 7032. Jacket wall thickness: 1.0 mm

**Core labelling**
With 2-pair cables the first pair has a red a-core and a black b-core; the second pair has a white a-core and a yellow b-core. With cables having more than 2 pairs, the a-core is red for the first pair (counting pair) in each layer and is white for all other pairs. The b-core follows a repeating colour sequence of blue, yellow, green, brown and black.

**Numbering system**
With communication cables the pairs are numbered sequentially through all layers, from the outside to the inside layers. Counting always begins with each respective counting pair.

**Net price including copper**

<table>
<thead>
<tr>
<th>Weight (kg / 100 m)</th>
<th>Total Ø (approx. mm)</th>
<th>Usually available ex-stock</th>
<th>Sample quantities under 100 metres</th>
<th>in EUR per 1 m on collection 100 m upwards</th>
<th>Ordering information</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.4</td>
<td>4.5</td>
<td>2 pairs = 4 cores</td>
<td>0.39</td>
<td>62.00</td>
<td>—</td>
</tr>
<tr>
<td>8.5</td>
<td>8.0</td>
<td>8 pairs = 16 cores</td>
<td>0.90</td>
<td>104.00</td>
<td>12 x 2 - 06*</td>
</tr>
<tr>
<td>12.0</td>
<td>9.0</td>
<td>10 pairs = 20 cores</td>
<td>1.05</td>
<td>124.00</td>
<td>—</td>
</tr>
<tr>
<td>12.6</td>
<td>9.5</td>
<td>12 pairs = 24 cores</td>
<td>1.25</td>
<td>134.00</td>
<td>—</td>
</tr>
</tbody>
</table>

**Normal stock unit:** 100-m ring. *Items to be sold off