Individual & Overall Screened & Armored Thermocouple Cable

**Applications**
These cables are suitable for underground use in industries where hydrocarbon may be present and where chemical and mechanical protections are required.

**Standards**
IEC 60584-3; NF C 42-324

**Construction**
Conductor: Metal according to thermocouple type
Insulation: PVC
Individual screen: Aluminum/polyester tape with tinned copper drain wire
Individual sheath: PVC
Overall screen: Aluminum/polyester tape with tinned copper drain wire
Inner sheath: PVC
Armor: Double steel tape
Sheath: Special PVC. Color depends on thermocouple type

**Properties**
Flame retardance: NFC 32070 C2, IEC 60332-1-2
Operating voltage: 250V
Operating temperature: -20~60°C
Max. conductor temperature in service: 70°C
Chemical resistance: Aliphatic and aromatic hydrocarbon resistance

<table>
<thead>
<tr>
<th>Conductor Size mm²</th>
<th>No. of Pairs</th>
<th>Min. O.D. (mm)</th>
<th>Max. O.D. (mm)</th>
<th>Approx. Weight (kg/km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5 solid</td>
<td>3</td>
<td>14.6</td>
<td>16.8</td>
<td>370</td>
</tr>
<tr>
<td>0.5 solid</td>
<td>7</td>
<td>19.1</td>
<td>22.0</td>
<td>590</td>
</tr>
<tr>
<td>0.5 solid</td>
<td>12</td>
<td>23.9</td>
<td>27.5</td>
<td>865</td>
</tr>
<tr>
<td>0.5 solid</td>
<td>19</td>
<td>28.8</td>
<td>33.0</td>
<td>1225</td>
</tr>
<tr>
<td>0.5 solid</td>
<td>27</td>
<td>33.2</td>
<td>38.2</td>
<td>1700</td>
</tr>
</tbody>
</table>

sales@addison-cables.com