Caledonian Mining Cables
AS/NZS 1972:2006 Cables

Type 2S 1.1/1.1KV Collectively Screened

» Applications ............................................................................................................................

These collectively copper screened cables are used for wiring of machines or between machines and equipment where a rubber cable is desired. These cables are also used for longwall lighting circuits, and may contain pilot and control cores or twisted pair and screened cores.

» Standards ...............................................................................................................................

AS/NZS 1972:2006
AS/NZS 1125
AS/NZS 3808

» Construction ..............................................................................................................................

Conductors: Stranded tinned annealed copper conductor.

Insulation: EPR.

Filling: Elastomer centre filler.

Bedding: Polyester tape.

Composite Screen (earth conductor): Tinned annealed copper braiding interwove with polyester yarn.

Sheath: Heavy duty CPE sheath.

» Dimensions and Weight ............................................................................................................

<table>
<thead>
<tr>
<th>Number of Core</th>
<th>Nominal Conductor Area</th>
<th>Strand Size</th>
<th>Insulation Thickness</th>
<th>Core Screen</th>
<th>Nominal Sheath Thickness</th>
<th>Nominal Overall Diameter</th>
<th>Nominal Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mm²</td>
<td>No/mm</td>
<td>mm</td>
<td>Strand Size</td>
<td>Area of Screen mm²</td>
<td>mm</td>
<td>kg/100m</td>
</tr>
<tr>
<td>2</td>
<td>1.5</td>
<td>30/0.25</td>
<td>1.0</td>
<td>0.20</td>
<td>5.3</td>
<td>1.8</td>
<td>14.7</td>
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<tr>
<td>4</td>
<td>1.5</td>
<td>30/0.25</td>
<td>1.0</td>
<td>0.20</td>
<td>12.1</td>
<td>1.8</td>
<td>19.9</td>
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<tr>
<td>6</td>
<td>1.5</td>
<td>30/0.25</td>
<td>1.0</td>
<td>0.20</td>
<td>22.6</td>
<td>1.8</td>
<td>25.7</td>
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<tr>
<td>16</td>
<td>1.5</td>
<td>30/0.25</td>
<td>1.0</td>
<td>0.25</td>
<td>113.1</td>
<td>1.8</td>
<td>47.1</td>
</tr>
<tr>
<td>20</td>
<td>1.5</td>
<td>30/0.25</td>
<td>1.0</td>
<td>0.25</td>
<td>159.0</td>
<td>1.8</td>
<td>53.2</td>
</tr>
</tbody>
</table>

Heavy Duty CPE Sheath
Stranded Tinned Copper Conductor
EPR Insulation
Elastomer Centre Filler
Polyester Tape
Composite Screen