**Application**

For jointing three-core paper cables (draining and non-draining) to three core polymeric cables. For use with belted or screened (Höchstädt) cables with a common lead sheath. This transition joint is fully screened, submersible and suitable to be directly buried.

---

**Design**

1. Dual wall tube.
2. Stress control tube.
3. Screen continuity (copper mesh).
4. Stress control mastic.
5. Overall protection tube.
7. Canister.
8. Conductor connector (supplied on request).
9. Non-tracking tube (only for 36GTM3 - not shown).
13. Stress control mastic.

---

**Specifications and standards**

Meets the requirements of CENELEC HD 629.2 and IEC 60502-4.

---

<table>
<thead>
<tr>
<th>Straight Joint type</th>
<th>Voltage Um (kV)</th>
<th>Length &quot;L&quot; (mm)</th>
<th>Conductor sizes (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>17GTM3</td>
<td>12 - 17.5</td>
<td>1600 - 1800</td>
<td>25 - 400</td>
</tr>
<tr>
<td>24GTM3</td>
<td>24</td>
<td>1600 - 1800</td>
<td>25 - 400</td>
</tr>
<tr>
<td>36GTM3</td>
<td>36</td>
<td>1800 - 2100</td>
<td>35 - 400</td>
</tr>
</tbody>
</table>

---

[www.cable-jointing.com](http://www.cable-jointing.com)  
Tel: +44 (0) 1482 37 37 20  
info@cable-jointing.com  
Fax: +44 (0) 1482 24 20 20

Bonus Power Systems Limited. Head Office and Global Distribution Centre, Connaught Rd, Kingswood Business Park, Hull, E.Yorkshire, UK. HU7 3AP.  
Specialist Electrical Distribution UK and Worldwide. Low Voltage to Extra High Voltage Cables, Joints, Terminations, Tools, Cable Jointing Accessories.
Kit contents
The complete GTM3 joint kit comprises the following components:

- Black stress control tube “GT1”
- Dual wall tube “GT25”
- Protection tube “GT3”
- Semi-conductive break-out “36TTS”
- Overall protection tube “GT8”
- Semi-conductive tube “GT5”
- Barrier tube “GT10”
- Canister

Ordering instructions
Select the part number corresponding to both system voltage and cable dimensions.

Example:
The three core belted cable is 12 kV, 3 x 150 mm², non-draining, armoured and must be jointed to a three core 12 kV, 150 mm² XLPE cable. Order: 17GTM3.300K.

<table>
<thead>
<tr>
<th>Ordering part number</th>
<th>Voltage $U_0/U$ (kV)</th>
<th>Conductor size range ($mm^2$)</th>
</tr>
</thead>
<tbody>
<tr>
<td>17GTM3.50K</td>
<td>6/10 and 8.7/15</td>
<td>25</td>
</tr>
<tr>
<td>17GTM3.95K</td>
<td>6/10 and 8.7/15</td>
<td>50</td>
</tr>
<tr>
<td>17GTM3.300K</td>
<td>6/10 and 8.7/15</td>
<td>95</td>
</tr>
<tr>
<td>17GTM3.400K</td>
<td>6/10 and 8.7/15</td>
<td>240</td>
</tr>
<tr>
<td>24GTM3.50K</td>
<td>12/20</td>
<td>25</td>
</tr>
<tr>
<td>24GTM3.240K</td>
<td>12/20</td>
<td>50</td>
</tr>
<tr>
<td>24GTM3.400K</td>
<td>12/20</td>
<td>150</td>
</tr>
<tr>
<td>36GTM3.95K</td>
<td>18/30</td>
<td>35</td>
</tr>
<tr>
<td>36GTM3.240K</td>
<td>18/30</td>
<td>70</td>
</tr>
<tr>
<td>36GTM3.400K</td>
<td>18/30</td>
<td>150</td>
</tr>
</tbody>
</table>

For transition to three single core XLPE cables: see GTM3.1.

The kit also comprises installation instructions, semi-conductive tape, Hi-K mastic, sealing mastic “NGAF”, adhesive tape, copper braid, tinned copper mesh tape, armour continuity and roll springs.