**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.

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<table>
<thead>
<tr>
<th>Straight Joint type</th>
<th>Voltage Um (kV)</th>
<th>Length “L” (mm)</th>
<th>Conductor sizes (mm²)</th>
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</thead>
<tbody>
<tr>
<td>17GTM3</td>
<td>12 - 17.5</td>
<td>1600 - 1800</td>
<td>25 - 400</td>
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<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>
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 U₀/U (kV)</th>
<th>Conductor size range (mm²)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6/10 and 8.7/15</td>
<td>25</td>
</tr>
<tr>
<td>17GTM3.50K</td>
<td>6/10 and 8.7/15</td>
<td>50</td>
</tr>
<tr>
<td>17GTM3.95K</td>
<td>6/10 and 8.7/15</td>
<td>95</td>
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<tr>
<td>17GTM3.300K</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>
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<td>36GTM3.95K</td>
<td>18/30</td>
<td>35</td>
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<tr>
<td>36GTM3.240K</td>
<td>18/30</td>
<td>70</td>
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<tr>
<td>36GTM3.400K</td>
<td>18/30</td>
<td>150</td>
</tr>
</tbody>
</table>

Ordering part number

Voltage U₀/U (kV)

Conductor size range (mm²)

min | max

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

Can be supplied with all common types of conductor connectors.

When jointing cables of different sizes, please contact our representative.
For use with PICAS cables. Please contact our representative.
Different armour connections are available. Please contact our representative.
For use with other cable types. Please contact our representative.

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