**Specifications**

**Materials**
- Conductor: Tinned Copper
- Insulation: Flame retardant polyester, White
- Supporting Tape: Polyester, Blue

**Electrical**
- Voltage Rating: 60V
- Current Rating: 0.5mm pitch=0.5A, 1.0mm pitch=1A

**Mechanical & Environmental**
- Operating Temperature: 80°C (High Temperature version available, contact GCT)
- Durability: 30 Cycles

**Notes**
- No Printing on cable.
- For tolerance information, contact GCT
- For non-standard options, contact GCT
  - Exposed conductor length
  - Support tape length
  - Conductor thickness/width
  - Folding/bending to an angle
  - High Temp. 105°C and Voltage: 60V

**Support Strip and Plating Options by Pitch**

<table>
<thead>
<tr>
<th>Pitch (mm)</th>
<th>Support Strip Length (mm)</th>
<th>Plating Options (conductor thickness x width (mm))</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>6.00</td>
<td>0.035 x 0.3 (A) 0.035 x 0.3 (A)</td>
</tr>
<tr>
<td>1.00</td>
<td>8.00</td>
<td>0.035 x 0.65 (D) 0.05 x 0.65 (E) 0.1 x 0.65 (C) 0.05 x 0.65 (E)</td>
</tr>
</tbody>
</table>

**Ordering Grid**

<table>
<thead>
<tr>
<th>Pitch (mm)</th>
<th>Number of Conductors</th>
<th>Overall Length (L)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50</td>
<td>06-80 (0.50mm pitch)</td>
<td>0.5 x (No. of Conductors+1) ± 0.08mm</td>
</tr>
<tr>
<td>1.00</td>
<td>04-50 (1.00mm pitch)</td>
<td>1.0 x (No. of Conductors+1) ± 0.15mm</td>
</tr>
</tbody>
</table>

**Shielding Grounding Conductors**

- Conductor 1
  - A
  - Conductor Same Side
- Conductor 1
  - D
  - Conductor Opposite Side

**Overall Length (L)** Specify cable length (Minimum = 30mm)
- eg 0030 = 30mm
- 0100 = 100mm

**Special Shielding Options (Contact GCT)**

<table>
<thead>
<tr>
<th>Material</th>
<th>Usage</th>
<th>Earth Drain</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium foil with conductive glue (Standard)</td>
<td>General shielding</td>
<td>Yes</td>
<td>Polyester film laminated non-conductive surface</td>
</tr>
<tr>
<td>Copper foil with conductive glue</td>
<td>High performance shielding</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

**Conductor Thickness x Width**

- A = 0.035 x 0.3 (0.50mm pitch only)
- D = 0.035 x 0.65 (1.00mm pitch only)
- E = 0.05 x 0.65 (1.00mm pitch only)
- C = 0.1 x 0.65 (1.00mm pitch only) (Tin plating only)

**Cable Type A - Conductor Same Side**

**Cable Type D - Conductor Opposite Side**