**Construction**

**Conductor:** In this cable special metal conductor used with composition of copper-nickel & Copper-Titanium alloys.

Two grade of conductor notify with HM & MT, here HM is Ni Nickel copper alloys & MT is Copper Titanium alloys with specific resistance & thermal emf values up to 300 Deg C.

**Insulation:** Sintered PTFE film on conductor

**Sheath:** Fiber Glass threaded braiding with high temperature varnish

**Color:**
1) Red & Green double color threaded for HM
2) Red & Blue double color threaded for MT

**Temperature range:** Up to 300 Deg C

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**Cable Configuration**

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Conductor size (SQMM)</th>
<th>Conductor type</th>
<th>Overall Diameter (mm)</th>
<th>mV @100 Deg C</th>
<th>mV @250 Deg C</th>
<th>mV @300 Deg C</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTF 0.5 HM</td>
<td>0.50</td>
<td>HM</td>
<td>2.20</td>
<td>2.90</td>
<td>6.48</td>
<td>7.59</td>
</tr>
<tr>
<td>PTF 0.5 MT</td>
<td>0.5</td>
<td>MT</td>
<td>2.20</td>
<td>1.20</td>
<td>3.67</td>
<td>4.62</td>
</tr>
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<td>4.62</td>
</tr>
<tr>
<td>PTF 2.5 HM</td>
<td>2.5</td>
<td>HM</td>
<td>3.30</td>
<td>2.90</td>
<td>6.48</td>
<td>7.59</td>
</tr>
</tbody>
</table>

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