RO-FLEX-TC-MTW-T

Fixed cable. Electrical Power and Control Tray Cable with optical Fiber Member, Machine Tool Wire and High Voltage Cables. Especially Purpose For NFPA 79 & NFPA 70.

### Characteristics

- **Heat resistance**: +105°C
- **Cold resistance**: -16°C

### Construction

- **Sheath/Sheath color**: Black, Grey, White, Green/Yellow
- **Part number**:
  - 007502: 0.75mm² / 18AWG
  - 007503: 0.75mm² / 18AWG
  - 007504: 0.75mm² / 18AWG
  - 007508: 0.75mm² / 18AWG
  - 007511: 0.75mm² / 18AWG
  - 007521: 0.75mm² / 18AWG
  - 007531: 0.75mm² / 18AWG
  - 007551: 0.75mm² / 18AWG

### Application

1. **Internal and External wiring for tray cable**

**RO-FLEX-TC-MTW-T** series enable to simplify the design and efficient storage for the reduction of costs due to CE, NFPA, UL, c-UL and PSE approvals.

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### Approval

- **Certificate number**
  - CE: 0505094W
  - UL: S8010 0007502
  - c-UL: S8010 0007503
  - PSE: S8010 0007504

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### Table: Cable Specifications

<table>
<thead>
<tr>
<th>Part number</th>
<th>Nominal cross sectional area</th>
<th>Conductor composition (diameter)</th>
<th>Diameter of isolation</th>
<th>No. of cores</th>
<th>Insulation resistance</th>
<th>Test voltage</th>
<th>Rated voltage</th>
<th>Conductor resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>007502</td>
<td>0.75mm² / 18AWG</td>
<td>33.0/18.1 (1.1)</td>
<td>2.8</td>
<td>2c</td>
<td>8.1</td>
<td>113</td>
<td>21.8</td>
<td>8.8</td>
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<tr>
<td>007503</td>
<td>0.75mm² / 18AWG</td>
<td>33.0/18.1 (1.1)</td>
<td>2.8</td>
<td>3c</td>
<td>8.5</td>
<td>96</td>
<td>21.8</td>
<td>7.7</td>
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<tr>
<td>007504</td>
<td>0.75mm² / 18AWG</td>
<td>33.0/18.1 (1.1)</td>
<td>2.8</td>
<td>4c</td>
<td>9.3</td>
<td>115</td>
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<td>7.2</td>
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<tr>
<td>007508</td>
<td>0.75mm² / 18AWG</td>
<td>33.0/18.1 (1.1)</td>
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<td>007511</td>
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<td>10c</td>
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<td>5.5</td>
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<td>007521</td>
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<td>20c</td>
<td>30c</td>
<td>506</td>
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<td>4.4</td>
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<td>33.0/18.1 (1.1)</td>
<td>2.8</td>
<td>30c</td>
<td>32c</td>
<td>506</td>
<td>21.8</td>
<td>4.4</td>
</tr>
<tr>
<td>007551</td>
<td>0.75mm² / 18AWG</td>
<td>33.0/18.1 (1.1)</td>
<td>2.8</td>
<td>50c</td>
<td>50c</td>
<td>1078</td>
<td>21.8</td>
<td>3.3</td>
</tr>
</tbody>
</table>

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### Note

- The current carrying capacities of this catalog is a value at the ambient temperature 30°C.
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