# Product: 1502R

**Media Control, 1 Pair 22 AWG TC, 2 Cond. 18 AWG, Riser**

## Product Description
Multimedia Control Cable, 1 Pair 22 AWG stranded (7x30) tinned copper (data) with FPE insulation, Beldfoil® shield w/ drain, 2 Conductor 18 AWG stranded (16x30) tinned copper conductor (power) with F-R PVC insulation, Riser, F-R PVC jacket

## Technical Specifications

### Product Overview

**Suitable Applications:** Multi-Media & Lighting Automation / Control, AMX™ and Crestron® Control Systems

### Construction Details

#### Conductor

<table>
<thead>
<tr>
<th>Element</th>
<th>Number of Element</th>
<th>AWG</th>
<th>Stranding</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pair(s)</td>
<td>1</td>
<td>22</td>
<td>7x30</td>
<td>TC - Tinned Copper</td>
</tr>
<tr>
<td>Conductor(s)</td>
<td>2</td>
<td>18</td>
<td>19x30</td>
<td>TC - Tinned Copper</td>
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</tbody>
</table>

#### Insulation

<table>
<thead>
<tr>
<th>Element</th>
<th>Material</th>
<th>Thickness [in]</th>
<th>Color Code</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pair(s)</td>
<td>PE - Polyethylene (Foam)</td>
<td>0.025</td>
<td>Blue &amp; White, Red &amp; Black</td>
<td>HDPE</td>
</tr>
<tr>
<td>Conductor(s)</td>
<td>PVC - Polyvinyl Chloride</td>
<td>0.013</td>
<td>Red &amp; Black</td>
<td></td>
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</tbody>
</table>

#### Inner Shield Material

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Coverage</th>
<th>Drain Type</th>
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</thead>
<tbody>
<tr>
<td>Tape</td>
<td>Alum / Poly</td>
<td>100%</td>
<td>24 AWG (7x32) TC</td>
</tr>
<tr>
<td></td>
<td>TC - Tinned Copper</td>
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<td></td>
</tr>
</tbody>
</table>

#### Outer Shield Material

- No Shield

#### Outer Jacket Material

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>PVC - Polyvinyl Chloride</td>
<td>0.0385</td>
<td>0.25</td>
<td>Yes</td>
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</table>

### Electrical Characteristics

#### Electricals

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Pair(s)</td>
<td>16.3 Ohm/1000ft</td>
<td>14 pF/ft</td>
<td>38 pF/ft</td>
<td>100 Ohm</td>
<td>3.8 Amps per Conductor at 25°C (22 AWG); 7.2 Amps per Conductor at 25°C (18 AWG)</td>
</tr>
<tr>
<td>Conductor(s)</td>
<td>6.9 Ohm/1000ft</td>
<td>29 pF/ft</td>
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</tbody>
</table>

#### Voltage

- UL Voltage Rating: 300 V

### Mechanical Characteristics
Temperature

Operating

-20°C to +75°C

Bend Radius

Stationary Min.

2.5 in

Max. Pull Tension: 59.8 lbs

Bulk Cable Weight: 40 lbs/1000ft

Standards and Compliance

Environmental Suitability: Indoor - Riser, Indoor

Flammability / Fire Resistance: UL1666 Vertical Shaft, FT4, IEC 60332-1-2

NEC / UL Compliance: CMR

CEC / C(UL) Compliance: CMG

CPR Euroclass: Eca


APAC Compliance: China RoHS II (GB/T 26572-2011)

Product Notes

Notes: Sequential footage marking every two feet.

History

Update and Revision: Revision Number: 0.319 Revision Date: 06-09-2020

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