**Category 5e UTP Solid Specifications**

### Construction
- **Conductor**: 24AWG Bare Solid Copper
- **Insulation**: FRPE (PVC), 100% FEP (Plenum)*
- **Ripcord**: Under jacket
- **Jacket**: Flame Retardant PVC

*Note: Plenum are rated CMP Flame. Non-plenum are CMR Flame rated.

### Compliances
- UL/CSA Listed CMR, CMP
- UL and ETL Verified to ANSI/TIA/EIA568A Category 5/EL verified
- ISO/IEC-11801
- NEMA WC 63.1

### Electrical Characteristics
- **Impedance**: $100 \pm 15$ Ohms
- **Mutual Capacitance, Max. nf/1000 ft.**: 17.1
- **DC Resistance, Max. Ohms/1000 ft.**: 28.6
- **DC Resistance Unbalance of a pair**: 5% Max.
- **Capacitance Unbalance (Pair to Ground)**: 330 pf/100m Max.
- **Propagation Delay Skew**: 25 nS/100M
- **Normal Velocity of Propagation**: Plenum FEP insulated 69%, Non-Plenum insulated 66%

### Cable Data

<table>
<thead>
<tr>
<th>Part No.</th>
<th>No. of Pairs</th>
<th>Insulation Thickness (mm/inch)</th>
<th>Nom. O.D. (mm/inch)</th>
<th>Weight (lb/kg/kft)</th>
<th>Flame Rating</th>
<th>Packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>A7L504-1000</td>
<td>4</td>
<td>0.2/0.0079</td>
<td>5.3/0.21</td>
<td>23.5/10.7</td>
<td>CMR</td>
<td>1000' Pull Box</td>
</tr>
<tr>
<td>A7L504-1000-P</td>
<td>4</td>
<td>0.19/0.0075</td>
<td>4.8/0.19</td>
<td>23.5/10.7</td>
<td>CMP</td>
<td>1000' Pull Box</td>
</tr>
<tr>
<td>A7L504-250-P</td>
<td>4</td>
<td>0.19/0.0075</td>
<td>4.8/0.19</td>
<td>6.1/2.8</td>
<td>CMP</td>
<td>250' Pull Box</td>
</tr>
<tr>
<td>A7L504-250</td>
<td>4</td>
<td>0.2/0.0079</td>
<td>5.3/0.21</td>
<td>6.1/2.8</td>
<td>CMR</td>
<td>250' Pull Box</td>
</tr>
</tbody>
</table>