TOP LV power cabling: intermediate boardstack
# TOP LV power cabling: final boardstack

<table>
<thead>
<tr>
<th>Boardstack Category</th>
<th>Voltage (V)</th>
<th>Current (A)</th>
<th>Resistance (Ohm)</th>
<th>Length (m)</th>
<th>Power (W)</th>
<th>Supply (W)</th>
<th>Power Draw (W)</th>
<th>Cable Loss (W)</th>
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</thead>
<tbody>
<tr>
<td>Pre-production prototype</td>
<td>1.00</td>
<td>1.50</td>
<td>1.05</td>
<td>20</td>
<td>0.033</td>
<td>24</td>
<td>0.792</td>
<td>6.825</td>
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<tr>
<td>Pre-production prototype</td>
<td>3.30</td>
<td>1.05</td>
<td>1.05</td>
<td>20</td>
<td>0.033</td>
<td>24</td>
<td>0.792</td>
<td>6.825</td>
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<tr>
<td>Power and Cabling Estimates</td>
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</tbody>
</table>

**Boardstack Power and Cabling Estimates (Short Form)**

- Voltage: 1.00 V
- Current: 1.50 A
- Resistance: 1.05 Ohm
- Length: 20 m
- Power: 0.033 W
- Supply: 24 V
- Power Draw: 0.792 W
- Cable Loss: 6.825 W

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US hardware / firmware

M. Andrew

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**Yikes!**