Atlas-X1 Pre-Terminated Copper Trunk Cables

APPLICATION
Copper trunk cable assemblies are the ideal solution for data centers and other applications where speed of installation is important. Factory termination and testing simplify installation and improve consistency while saving time and labor, as compared to field-terminated installations. Assemblies are custom configured with connectors in pre-engineered lengths to meet the specific needs of each application. A braided sleeve binding bundles the individual cables into an aesthetic and cohesive trunk assembly, while an optional pulling eye protects terminations during shipment, ensuring easy and efficient installation.

SPECIFICATION
Trunk cables shall be available in variable bundle sizes of 6, 8, or 12. They shall be available in plenum, riser, or LSZH ratings. Trunk cables shall be available in Cat 6, and Cat 6A UTP and FTP cable constructions. Each shall be available in jack, plug, open, or cassette termination combinations depending on cable type. Each will be available in custom lengths in one-foot increments. Total trunk length shall not exceed ANSI/TIA standards. A pulling eye option is available on most configurations to protect terminations during shipment and to make it easier to install the trunks. Each trunk shall receive a unique identification number, and each cable shall be numbered relative to that number. Braiding material utilized with plenum-rated cables shall be constructed of plenum-rated components.

WARRANTY INFORMATION
For a copy of Leviton product warranties, visit www.leviton.com/warranty.

FEATURES
• Fast and easy installation with 75% reduction in labor costs
• Braided sleeve binding and optional pulling eye ensure snap-free installation
• Trunks use Atlas-X1™ UTP or shielded connectors, which include patented Retention Force Technology for system reliability
• Plugs feature clear design which includes a snagless strain-relief boot (available for UTP Cat 6, and Cat 6A)
• Cable assemblies are 100% factory tested, with test results available for each link
• Terminated ends offered in either staggered or even cut with customized breakout length from braided sleeve for improved flexibility during installation and appearance after installation
• Trunks are also available with e2XHD Copper Cassettes
• Each trunk assembly receives an individual identification number, and individual cables are numbered relative to that number (custom labeling available on request)
• Cat 6A rated UTP trunks provide excellent performance in short lengths and use component-rated connectors

DESIGN CONSIDERATIONS
• Available in plenum, riser, or LSZH cable ratings
• Plenum-rated cable assemblies use a braided mesh sleeve made of a plenum-rated material that is black in color
• Riser-rated cable assemblies use a braided mesh sleeve made of a riser-rated material that is white in color
• Material properties of braided mesh sleeve is halogen free on LSZH cable assemblies and black in color
• Standard colors are blue for UTP cable, gray for shielded cable, black for UTP jacks (more colors available), gray for shielded jacks, and clear for plugs
• Available in 1-foot increments from 10-295 feet (min. 20-ft length for Cat 6A assemblies, min. 6-ft length for Cat 6 assemblies)
• Minimum breakout lengths: 18 inches for bundles of 6, 20 inches for bundles of 8, and 24 inches for bundles of 12
• Default alignment is staggered for connector terminations and even for plug and open terminations
• e2XHD cassettes terminated to trunks in Cat 6A and Cat 6 work exclusively with e2XHD Flat or Angled patch panel

STANDARDS COMPLIANCE
• System components meet or exceed the category requirements for performance per ANSI/TIA-568-C.2
• Jack-to-Jack assemblies are tested to permanent link requirements
• Jack-to-Plug assemblies are tested to channel requirements with a 10-foot patch cord
• Plug-to-Plug assemblies are tested to channel requirements
## PRODUCT SPECIFICATIONS
### Atlas-X1™ Pre-Terminated Copper Trunk Cables

### ELECTRONIC FILES
For CAD files, typical specs, or technical drawings (.DXF, .DWG), visit www.leviton.com.

### Make to order!

<table>
<thead>
<tr>
<th>CABLE TYPE</th>
<th>CABLE RATING</th>
<th># OF CABLES</th>
<th>CABLE LENGTH</th>
<th>CABLE COLOR</th>
<th>TERMINATION OPTIONS</th>
</tr>
</thead>
</table>
| Cat 6A UTP Noise-Canceling Technology | - CMP (U6AP)  
- CMR (U6AR)  
- LSZH (U6AZ) | 6  
8 | 10-295 feet (3-90 meters)  
12-295 feet (3-90 meters) | Blue (L)  
Red (C)  
Orange (O)  
Green (V)  
Purple (P)  
Yellow (Y)  
Ivory (I)  
Black (B)  
White (W)  
Light Almond (T)  
Brown (R)  
Grey (G) | - Jack (J)  
Plug (P)  
Open (O)  
Cassette (C) |
| Cat 6A UTP | - CMP (U6AP)  
- CMR (U6AR)  
- LSZH (U6AZ) | 6  
8 | 10-295 feet (3-90 meters)  
10-295 feet (3-90 meters) | Blue (L)  
Red (C)  
Orange (O)  
Green (V)  
Purple (P)  
Yellow (Y)  
Ivory (I)  
Black (B)  
White (W)  
Light Almond (T)  
Brown (R)  
Grey (G) | - Jack (J)  
Plug (P)  
Open (O)  
Cassette (C) |
| Cat 6A FTP | - CMP (S6AP)  
- CMR (S6AR)  
- LSZH (S6AZ) | 6  
8 | 10-295 feet (3-90 meters)  
12-295 feet (3-90 meters) | Grey (S)  
Red (C)  
Orange (O)  
Green (V)  
Purple (P)  
Yellow (Y)  
Ivory (I)  
Black (B)  
White (W)  
Light Almond (T)  
Brown (R)  
Grey (G) | - Jack (J)  
Plug (P)  
Open (O)  
Cassette (C) |
| Cat 6 FTP | - CMP (S6P)  
- CMR (S6R)  
- LSZH (S6Z) | 6 | 10-295 feet (3-90 meters)  
10-295 feet (3-90 meters)  
12-295 feet (3-90 meters) | Grey (S)  
Red (C)  
Orange (O)  
Green (V)  
Purple (P)  
Yellow (Y)  
Ivory (I)  
Black (B)  
White (W)  
Light Almond (T)  
Brown (R)  
Grey (G) | - Jack (J)  
Plug (P)  
Open (O)  
Cassette (C) |

**Individual Jack Colors** (black is standard; additional colors can be configured):

- White (W)  
- Light Almond (T)  
- Ivory (I)  
- Yellow (Y)  
- Orange (O)  
- Purple (P)  
- Red (C)  
- Blue (L)  
- Green (V)  
- Grey (G)  
- Black (B)  
- White (W)  
- Light Almond (T)  
- Brown (B)  

For assistance customizing your copper trunks, please visit leviton.com/configurator or call Tech Support at 800.824.3005.

Trunks also available terminated to e2XHD Copper Cassettes, using Atlas-X1 Cat 6 and 6A QuickPort® Connectors.
COPPER TRUNK BUNDLE SIZES

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Bundle Size</th>
<th>Bundle O.D. (inches)</th>
<th>Bundle Weight (lbs. per 1,000 ft.)</th>
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<tbody>
<tr>
<td>Cat 6A Helix LSZH</td>
<td>6</td>
<td>0.85&quot;</td>
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</table>

Pulling Eye for copper trunks assumes staggered 6-cable bundle ~ 1.75", 8-cable bundle ~ 2.00", and 12 cable bundle ~ 2.75".