Safe, intelligent electricity reliably delivered across thousands of feet

Designed in conjunction with VoltServer, the creator of Digital Electricity™*, Belden Digital Electricity (DE) Cables transmit “pulses” of DC power across long distances in a safe, efficient manner. Transmitters and receivers constantly monitor line conditions to make sure power pulses are properly received. If a problem is detected, power distribution stops immediately to protect people and equipment.

Hybrid DE Cables allow for the simultaneous transmission of DE power and data in the same cable. Hybrid cables can be coupled with our broad portfolio of fiber connectivity products for an end-to-end infrastructure to support distributed antenna systems (DAS).

**How does Digital Electricity work?**

1. Long-distance/high-power transmission
2. Safe to touch with active line monitoring
3. Cost effective – smaller conductors running in telecommunications trays

*Digital Electricity is a trademark of VoltServer. For more information about Digital Electricity, visit voltserver.com*
ORDERING INFORMATION

Digital Electricity™ Copper Cables (Power Transmission)

Building a SmartPart Number

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<tr>
<td>DE</td>
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</tbody>
</table>

**Examples:**

- **DEP168U** - Digital Electricity optimized copper cable, Indoor, Plenum-rated, 16 AWG, 8 Stranded Tinned-Copper Pairs, Unshielded, 2000 Ft Reel, Apple Green Jacket
- **DEN146U** - Digital Electricity optimized copper cable, Indoor/Outdoor, CL3-rated, Sun Res, Wet Locations, 14 AWG, 8 Stranded Tinned-Copper Pairs, Unshielded, 2000 Ft Reel, Black Jacket
- **DEWN164U** - Digital Electricity optimized copper cable, Waterblocking tape for best protection below-grade, in-conduit, CM-rated, 16 AWG, 4 Stranded Tinned-Copper Pairs, Unshielded, 2000 Ft Reel, Black Jacket

Accompany power delivery with data delivery over Belden fiber cables in the same installation.

**FiberExpress Distribution Cables (Data Transmission)**

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<th>Construction</th>
<th>Fiber Count</th>
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<td>Non-Unitized - Plenum</td>
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<tr>
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<td>6</td>
<td>FISD006P9</td>
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<td></td>
<td>12</td>
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Riser versions and other fiber configurations and constructions available.

Combine power and data under the same cable jacket with Belden Hybrid Digital Electricity cables.

**Hybrid Digital Electricity™ Cables (Power and Data Transmission)**

Building a SmartPart Number

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<td>U</td>
<td></td>
<td>B</td>
<td>02</td>
<td>C</td>
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</table>

**Examples:**

- **DHIP162U4B02C** - Digital Electricity optimized hybrid, Indoor, 16 AWG, 2 Stranded Tinned-Copper Pairs, OM4, Breakout, 2 Fiber Strands, 3.0 mm Subunit, Unshielded, Plenum Rated, Apple Green Jacket
- **DHIP182USD06J** - Digital Electricity optimized hybrid, Indoor, 18 AWG, 2 Stranded Tinned-Copper Pairs, OS2, Distribution, 6 Fiber Strands, 1 fiber distribution tube, Unshielded, Plenum Rated, Apple Green Jacket

For more information, call

1.800.BELDEN.1 (1.800.235.3361) or visit www.belden.com/de