

# Composite Deadend Insulators

## Applications

Deadend insulators are designed to support conducting cables in tension or suspension with one side fixed to a pole, cross arm, or guy wire.



## Portfolio

Peak Demand's portfolio of overhead Composite Deadend Insulators (CDI) includes a complete line of insulators for 15kV, 28kV, and 35kV systems. Peak Demand's CDI's are fully type tested per latest ANSI/NEMA Standard C29.11 Composite Insulators - Testing Methods and C29.13 Composite Distribution Deadend Type.

## Product features

Peak Demand CDIs are engineered to exceed the industry standard for Specified Mechanical Load (SML) by more than 50% by certifying our units to a rating of 70kN, when the industry standard is a mere 44.4kN. Peak Demand CDI's are constructed to withstand harsh grid conditions with high-strength fiberglass rods and hydrophobic silicone polymer molding. Our high pressure manufacturing process ensures complete adhesion of the polymer to the inner fiberglass rod without voids.

## The Peak Demand Advantage

- Local stocking available for just in time delivery
- 90% of orders ship within 24 hours
- Designed and engineered to meet customer specifications
- Fast turn-around time for custom quotations
- Friendly team of industry veterans with decades of experience serving utility customers
- Online ordering, inventory checking, and order status updates at [mypeakdemand.com](http://mypeakdemand.com)

Contact EnerLink for application support in Alberta, British Columbia, Yukon, and NWT  
780-912-1020, [hello@enerlinkcorp.com](mailto:hello@enerlinkcorp.com)  
[www.enerlinkcorp.com](http://www.enerlinkcorp.com)



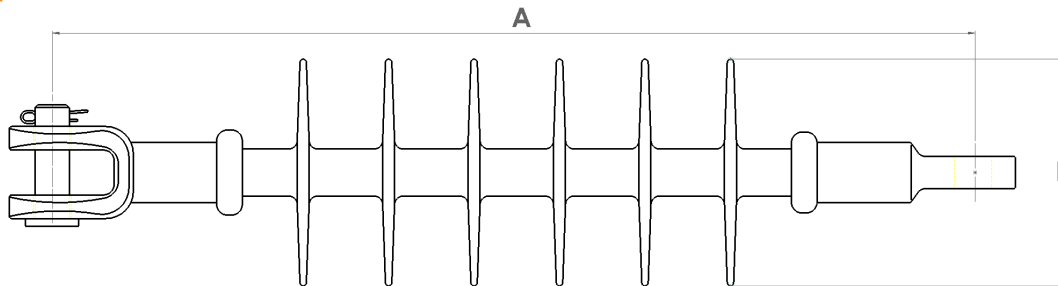
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## Specifications and shipping information by part number

|             | A: Length  | B: Shed Diameter | Leakage    | Dry Arc     | Electrical Flashover (kV) |     |          |          | Weight    | Quantity |        |
|-------------|------------|------------------|------------|-------------|---------------------------|-----|----------|----------|-----------|----------|--------|
| Part Number | in (mm)    | in (mm)          | in (mm)    | in (mm)     | Dry                       | Wet | CIFO Pos | CIFO Neg | Unit (kg) | Box      | Pallet |
| CDI-DS-15   | 12.6 (320) | 4.17 (106)       | 18.0 (455) | 8.63 (219)  | 108                       | 80  | 179      | 177      | 2 (0.9)   | 15       | 360    |
| CDI-DS-28   | 17.0 (431) | 4.17 (106)       | 29.3 (744) | 12.38 (314) | 145                       | 130 | 231      | 226      | 2.2 (1.0) | 15       | 360    |
| CDI-DS-35   | 20.1 (511) | 4.17 (106)       | 39.1 (992) | 15.5 (394)  | 171                       | 156 | 272      | 278      | 2.8 (1.3) | 15       | 240    |

## Product comparison



## Cross Reference

| ANSI class | Peak Demand | MacLean | Alumaform | K-Line    | PPC Insulators (Seves) | Victor     | Hubbell     | Advanced Rubber Products | Lapp     |
|------------|-------------|---------|-----------|-----------|------------------------|------------|-------------|--------------------------|----------|
| DS-15      | CDI-DS-15   | DS-15M  | DEI-15    | KL15ASCTM | PDEI-15                | 8015, 8215 | 401015-0215 | ARP-15SKCE-*             | 151001CT |
| DS-28      | CDI-DS-28   | DS-25M  | DEI-28    | KL28ASCTM | PDEI-25                | 8025, 8225 | 401028-0215 | ARP-25SKCE-*             | 151002CT |
| DS-35      | CDI-DS-35   | DS-35M  | DEI-35    | KL35SCTM  | PDEI-35                | 8035, 8235 | 401025-0215 | ARP-35SKCE-*             |          |

### Notes:

SML 15,738 lbs; 70 kN

RTL 7,870 lbs; 35 kN

ANSI Class DS-15, DS-28, DS-35

Meets the requirements of ANSI/NEMA C29.13

Fiberglass Core, Silicone Housing, ANSI 52-4 Clevis & Tongue End Fittings