

# Wedge Dead End

(to be used only on Standard ADSS Cable up to 0.890" diameter, 144 fibers)

AFL offers wedge dead ends that ease and speed ADSS cable installation. The ADSS Wedge Dead End is ideal in crowded distribution environments because its shorter length allows for safer and efficient installation. The Wedge Dead End comes with all parts assembled. The side plates are properly aligned with spacers and self-locking hex bolts, as well as retainers. Lubricated wedges are pre-installed inside the body of the dead end.

**Caution:** The load ratings shown here are based on performance results of certain cable configurations and may not be representative of all manufacturers' ADSS cable designs. AFL strongly recommends that before using this product, you contact AFL to obtain the recommended load rating and to verify that the wedge dead end has been qualified for use with the proposed cable. AFL will perform a qualification test at no charge.

## Benefits

- Wedge-type design is safer than spiral wrap style dead ends
- Fewer parts, smaller and easier to store
- Attaches to structure via common pole hardware sold separately (thimble eye, ram's head, etc.)

## Features

- Easier and faster installation
- Lower total system costs
- No special tools or hardware required for installation

## Specifications

| Parameter                  | Value   |
|----------------------------|---|
| Wedge Length               | 10" or 16" depending on cable characteristics |
| Cable O.D.                 | 0.512" to 0.890" (13 mm to 22.6 mm)           |
| Hold Strength              | 100% of Maximum Rated Cable Load (MRCL)       |
| Maximum Attenuation Change | 0.05 dB at 100% MRCL                          |

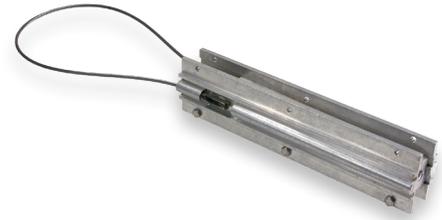
| Application & Description   | AFL No.        |
|---|----------------|
| <b>ADSS Mini-Span® 535</b><br>500 ft NESC heavy, 700 ft NESC medium, 875 ft NESC light, maximum loading capability is 1500 lbs. | ADEW10J1-AL535 |
| <b>ADSS Mini-Span 693</b><br>500 ft NESC heavy, 600 ft NESC medium, 750 ft NESC light, maximum loading capability is 1500 lbs.  | ADEW16J1-AL693 |

## Ordering Information for Double Jacket Cables

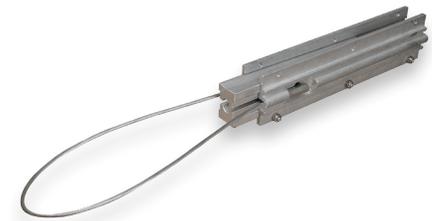
|               |                     |  |                                       |   |                                     |                            |
|---------------|---------------------|--|---------------------------------------|---|-------------------------------------|----------------------------|
| <b>ADE</b>    | <b>W</b>            | <b>16</b>  | <b>J2</b>                             | — | <b>AL</b>                           | <b>YYY</b>                 |
| ADSS Dead End | Wedge Type Dead End | Length of wedge component<br>16 = 16 inch type<br>Max. Load Rating = 3000 lbs. | ADSS Jacket Type<br>J2 = Double Layer |   | Cable Manufacturer Code<br>AL = AFL | Cable Diameter (in Inches) |

### Application Notes:

1. For use with ADSS cables with polyethylene jackets in low voltage environments only. Not for use in high voltage environments where tracking resistant cables are required.
2. AFL fiber optic cable and related hardware are designed to work as a system. Dead ends may not be available for cable from other manufacturers.



ADEW10J1-AL535



ADEW16J1-AL693