Preformed Line Products provides safe and efficient services for installing RAPTOR CLAMP™ Diverters to transmission overhead shield wires and distribution conductors using unmanned aerial vehicles (UAVs). Our experienced crews operate unique, purpose-built UAVs equipped with added sensors and guides to securely attach bird diverters to low-voltage lines. UAV installations greatly reduce time and cost when compared to bucket truck or helicopter installations and are less disruptive to homeowners and traffic.

The RAPTOR CLAMP™ Diverters are designed to increase the visibility of overhead power lines for birds, providing an economical means of reducing risk to both utility power lines and wildlife. The state-of-the-art RAPTOR CLAMP technology ensures the diverters remain in the applied position even under extreme aeolian vibration and other motion.

- Safe and Efficient UAV Operations
- Certified UAV Pilots with Experience Operating around Energized Power Lines
- Purpose-Built UAV Equipment for the Application of Diverters
- Operational Procedures and Safety Checklists
- Warranty and Installation included
- More Economical Than Bucket Truck Installations
- Safer and Less Disruptive to Land Owners Than Helicopter Installations
PLP® Distribution Products

RAPTOR CLAMP™ Diverter

Description

The RAPTOR CLAMP Diverter is designed to increase the visibility of overhead power lines for birds providing an economical means of reducing the hazard to both the utility power lines and wildlife. These products are lightweight, offer little wind resistance, and are easily applied. The positive grip of the RAPTOR CLAMP Diverter ensures they remain in the applied position to provide proper visibility. Even under extreme aeolian vibration and other motion, this diverter remains on the line exactly where it is installed.

Visibility

The flapper paddle increases the visible profile of the cable. With a point of articulation where it attaches to the cable connection, it moves in the wind, providing a hazing effect that is effective at catching the attention of most avian species. Every diverter comes with reflective tape to reflect light for species traveling at dusk and dawn.

Material

The RAPTOR CLAMP Diverter is made from a UV-stabilized rigid nylon material and includes stainless steel hardware. The yellow flappers are made from a UV-stabilized polyethylene. All components possess excellent chemical resistance and strength properties to function properly in extreme environments.

Spacing

For optimum results, spacing distances are generally recommended at 15’ intervals depending upon local conditions. Since wind resistance is very limited, sufficient diverters can be used to ensure adequate visibility without creating stress on the line. When marking adjacent spans, overall visibility is improved by staggering the application.

Voltage

For applications on the phase conductors, the RAPTOR CLAMP Diverter can be used at 3-phase voltages of 35 kV and below.

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<tr>
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<th>Weight</th>
<th>Carton Quantity</th>
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