

RAPTOR CLAMP™ DIVERTER

The **RAPTOR CLAMP™ Diverter** is a durable, cost-effective solution for improving the visibility of overhead power lines and helping reduce bird collisions. Engineered for quick installation and dependable field performance, it supports wildlife protection while helping utilities mitigate risks to critical transmission and distribution assets. Available with reflective tape, photoluminescent tape, or an LED flashing module, the RAPTOR CLAMP Diverter delivers enhanced visibility in daylight, low-light, and nighttime conditions.

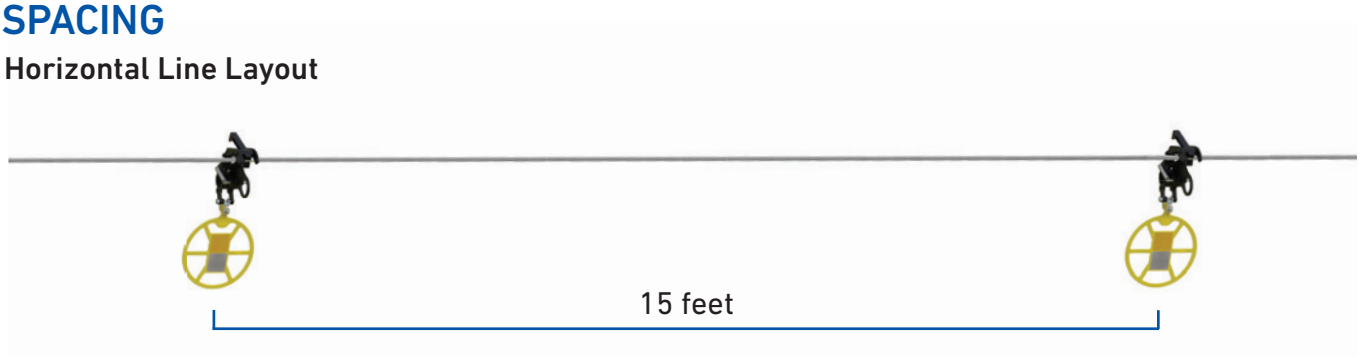
FEATURES AND BENEFITS

- Innovative trigger mechanism is simple to set and operate
- Easy “bump and snap” installation with no special tools required
- Manufactured from UV-stabilized polycarbonate and polyethylene materials for long-term durability
- Corrosion-resistant stainless steel hardware withstands demanding environmental conditions
- Available with reflective tape, photoluminescent tape, or LED flashing module for enhanced visibility across a wide range of lighting conditions
- Operational temperatures up to 125°C continuous
- Suitable for use on overhead shield wire and OPGW systems
- Rated for single-conductor systems up to 138 kV and twin/tri-bundled systems up to 345 kV
- Installable via drone when paired with PLP’s RAPTOR CLAMP Drone Kit

NOTE: Ice and wind load information is available upon request.

SPACING

Horizontal Line Layout

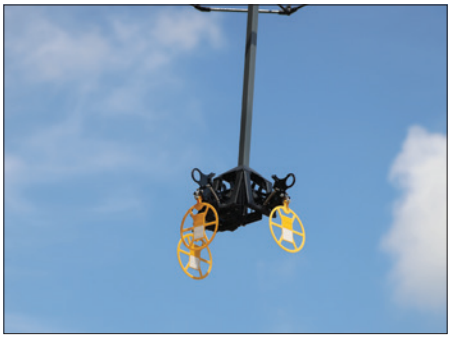


For optimal line visibility, RAPTOR CLAMP™ Diverters are generally recommended at 15-foot intervals, depending on site-specific conditions. Their low wind resistance allows additional diverters to be installed as needed to maximize visibility without creating significant line loading. When marking adjacent spans, overall visibility can be enhanced by staggering diverter placement between the spans.

NOTE: See the Appendix for additional horizontal line layouts for medium-voltage, three-phase, and single-phase applications.

DRONE INSTALLATION KIT

The industry's leading clamp-style diverter is now the first to offer a do-it-yourself drone-based instasllation kit.







Scan or click the QR Code to learn more.

ORDERING INFORMATION

RAPTOR CLAMP™ Diverter and RAPTOR CLAMP™ LED Diverter

Catalog Number	Description	Diameter Range		Weight
		Minimum	Maximum	
		in (mm)	in (mm)	lb
RAPTOR-YEL	RAPTOR CLAMP Diverter, Yellow Reflective Tape	0.1 (2.5)	1.8 (45.7) Hand or Hot Stick Installed 1.1 (25.4) Drone Installed	0.4
RAPTOR-YW	RAPTOR CLAMP Diverter, White and Yellow Reflective Tape			
RAPTOR-YPL	RAPTOR CLAMP Diverter, Photoluminescent and Yellow Reflective Tape			
RAPTOR-LED-W	RAPTOR CLAMP LED Diverter, White Flasher with Yellow Reflective Tape			1.1
RAPTOR-LED-WYW	RAPTOR CLAMP LED Diverter, White Flasher, with White and Yellow Reflective Tape			
RAPTOR-LED-UV	RAPTOR CLAMP LED Diverter, Ultra-Violet Flasher with Yellow Reflective Tape			
RAPTOR-LED-UVYW	RAPTOR CLAMP LED Diverter, Ultra-Violet Flasher, White and Yellow Reflective Tape			

NOTE: Contact us for other options, including brackets for hanging signs.



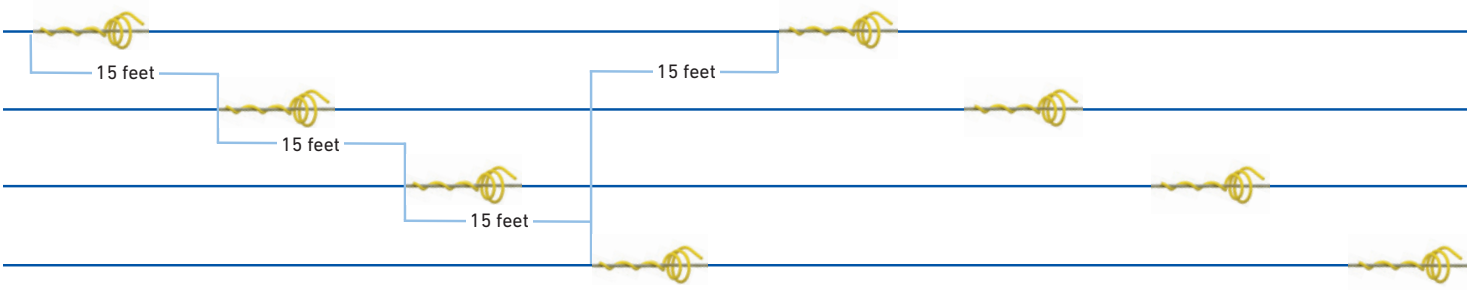
RAPTOR CLAMP Diverter, Photoluminescent
Catalog Number: RAPTOR-YPL

APPENDIX

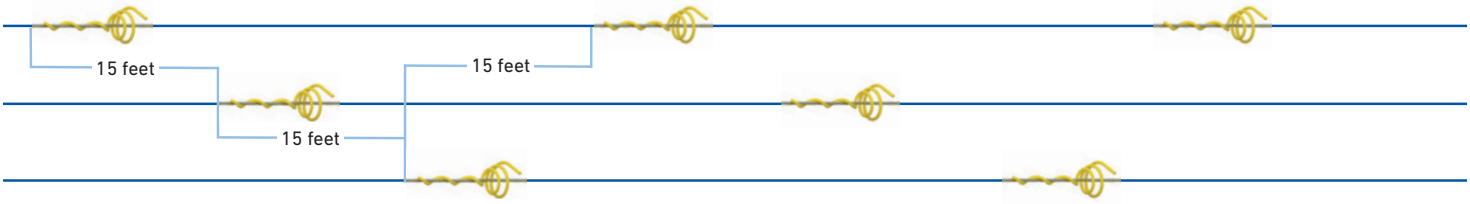
BIRD-FLIGHT™ DIVERTER, SWAN-FLIGHT™ DIVERTER, AND RAPTOR-CLAMP™ DIVERTER SPACING

Horizontal Line Layout

Medium Voltage



Three Phase



One Phase



BIRD-FLIGHT Diverters are shown in the diagram above, SWAN-FLIGHT Diverters and RAPTOR CLAMP™ Diverters are placed in the same positions. For optimal results, spacing distances are generally recommended at 15-foot intervals, depending upon local conditions.

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