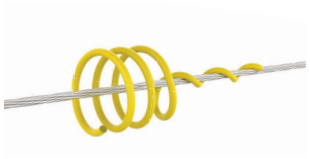
BIRD-FLIGHT™ DIVERTERS & RAPTOR CLAMP™ DIVERTERS

A Guide for Comparing Bird Diverter Options



Helically wrapped design to make overhead lines and guyed structures visible to birds and provides an economical means of reducing the hazard to both lines and birds.



An alternative to the BIRD-FLIGHT Diverter and the SWAN-FLIGHT™ Diverter for making overhead power lines visible to birds of all sizes



Includes an exclusive flashing LED module that provides a visible indication of overhead lines in dark and low-light conditions

Feature Comparison	BIRD-FLIGHT™ Diverter	RAPTOR CLAMP™ Diverter	RAPTOR CLAMP™ LED Diverter
Primary Visibility Feature	The gray or yellow static coil increases the visibility of the conductor by enlarging the perceived diameter without moving components	Dynamic swinging motion with reflective tape for hazing effect	Dynamic swinging motion for hazing effect with white or UV flashing lights
Product Materials	• High-impact PVC • Aluminum option for high temperature • Galvanized steel for tower guying	UV-stabilized polycarbonate with corrosion-resistance stainless steel	UV-stabilized polycarbonate with corrosion-resistance stainless steel; sealed LED flasher unit
Installation Method	Helically applied - no attachment hardware	Spring-loaded clamp with neoprene conductor interface, no attachment hardware	Spring-loaded clamp with neoprene conductor interface, no attachment hardware
Hand Installation	Yes	Yes	Yes
Hot Stick Installation	Yes	Yes	Yes
Robotic/Drone Installation	LineFly™ Robot – precise placement and reduced worker exposure	RAPTOR CLAMP Drone Kit – fast, safe installation with precise placement	RAPTOR CLAMP Drone Kit – fast, safe installation with precise placement
Recommended Spacing	15 ft intervals	15 ft intervals	15 ft intervals
Maximum Voltage Application	230 kV three phase	138 kV (single conductor) 345 kV (dual/multiple bundled conductor)	138 kV (single conductor) 345 kV (dual/multiple bundled conductor)
Conductor Diameter Range	0.175" - 2.50" (4.4 - 63.5 mm)	0.10" - 1.80" (2.54 - 45.72 mm)	0.10" - 1.80" (2.54 - 45.72 mm)
Product Weight	0.010 - 0.67 lb (4.56 - 304 g)	0.40 lb (181 g)	1.10 lb (499 g)
UV Resistance	ASTM G154: No cracks/degradation after testing	ASTM G154-16: No cracks/degradation after testing	ASTM G154-16: No cracks/degradation after testing (LED unit excluded)
Flammability Rating (UL 94)	V-0	Clamp body: V-0 Sign and conductor cushions: V2	Clamp body: V-0 Sign and conductor cushions: V2
Aeolian Vibration Testing	20 million cycles	100 million cycles	100 million cycles
Expected Service Life	20+ years (based on field use)	20+ years (based on material performance)	10+ years (flasher battery life) 20+ years (based on material performance)

GLOBAL HEADQUARTERS 660 BETA DRIVE CLEVELAND, OHIO 44143
+1 440 461 5200 INFO@PLP.COM PLP.COM

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