

CLY 265 series

Guywire / Staywire Mounted Bird Diversers

Data Sheet



Stay wire Bird Flight Diversers use the same successful technology as the diversers that Clydesdale sell to the Overhead Powerline Industry.

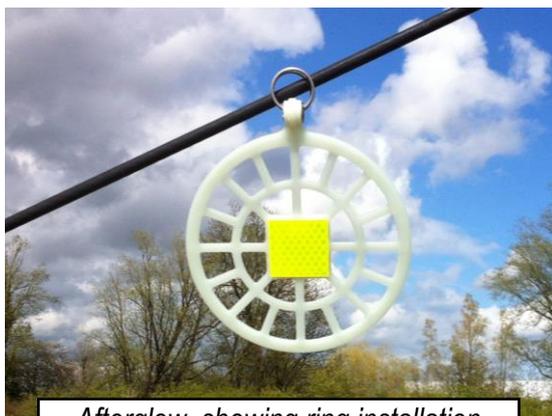
These devices are attached to the stay wires of masts / aerials / antennae to minimise the chances of birds flying into them, they are attached using stainless steel split rings or wire clamps.

The 3 styles of device are designed to be used in differing situations are:

-CLY 265 220. "Afterglow" Roundel for Fundamental bird flight diversion, works well in low light and is suitable for higher wind situations. Typically spaced every 3-5m

-CLY 265 120. "Firefly" Flapper for bird flight diversion and also for "hazing" (disturbing birds from settling), active device that spins in the wind and is attached with a ring, not-suitable for high wind installations. Typically spaced every 10-12m

-CLY 265 125. "Firefly" Flapper for bird flight diversion, pre fitted with a bolt-up wire clamp for permanent installation on angled wires. Typically spaced every 17m.



Afterglow, showing ring installation



"Firefly" with swivel



"Firefly" with wire clamp

The "Afterglow" is aimed to make birds, especially Swans, veer upwards in flight. Large birds lack the manoeuvrability to avoid stay wires and the "Afterglow" simply makes the line look bigger giving the bird more opportunity to change direction and hence save its life and your installation.

In line with the latest avian research, the "Afterglow" roundel has recently been changed to a white perforated plastic containing glow-in-the-dark natural crystals which absorb and emit specific frequencies of ultraviolet light. The roundel is visible to the birds day and night as violet but appears as white plastic to humans. The crystals in the plastic will emit absorbed UV energy for 10 - 12 hours after dark. Fluorescent orange and yellow reflective material in the centre of the roundel provides daylight (diurnal) peak colour to the passing or roosting birds and assists in diverting birds as it flaps in the wind.

The "FireFly"TM Bird Flight Diverter uses the latest in avian diverting technology combining motion, reflectivity and light emission to alert birds to the obstruction. The diverter has been developed and tested by biologists to deter all bird and bat species in varying conditions.

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Powering the Future

Manufactured from impact resistant, UV stabilized acrylic plastic, the "FireFly"[™] 'flapper' has a fluorescent reflective sheeting meaning increased visibility firstly by providing a highly reflective daylight shine –even in low light or foggy conditions, and secondly, the fluorescent sheeting will emit a glow-in-the-dark light up to 10 hours after dusk.

The "FireFly"[™] with ring mount has a salt spray and weather resistant stainless steel ball bearing swivel allowing the diverter to spin in wind speeds as low as 3-5mph. This spinning action combined with the 3-in-1 fluorescent colours reflecting UV and visible light, specific to avian vision, increases the diverter visibility by creating a "flashing" effect as seen by the bird up to a quarter of a mile away alerting it to the obstruction.

The "FireFly"[™] wire clamp variant does not rotate in the same way as the ring mounted version but still offers many of the benefits of the rotating version but with an easy-to-mount wire clamp attachment.

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