

# Spherical bird diverter

Spherical bird diverter with a diameter of 250 mm for OPGW cable or classical or high-temperature conductor for voltages up to 400kV. It is composed with:

- Two aluminium hemispheres
- One set of galvanized steel bolts

The bird diverter is innovative, with a two-tones and photoluminescent visual aspect. It is an efficient means to prevent collision risks between conductors and diurnal or nocturnal species. This device is highly visible for all species, whatever the viewing angle.

The diverter can be set up on any kind of naked cable, from 12,6 mm to 60,5 mm diameter. However, we advise to set it up on an armor rod so as to reduce the loads on the cable, especially in frosted areas.

## List of references

Designation	Range (mm)	Weight (kg)
BAV 12.5-18.5 AL (TR/BR)	12.5 à 18.5	1.990
BAV 18.5-24.5 AL (TR/BR)	18.5 à 24.5	1.975
BAV 24.5-30.5 AL (TR/BR)	24.5 à 30.5	1.955
BAV 30.5-36.5 AL (TR/BR)	30.5 à 36.5	1.928
BAV 36.5-42.5 AL (TR/BR)	36.5 à 42.5	1.890
BAV 42.5-48.5 AL (TR/BR)	42.5 à 48.5	1.840
BAV 48.5-54.5 AL (TR/BR)	48.5 à 54.5	1.765
BAV 54.5-60.5 AL (TR/BR)	54.5 à 60.5	1.680

TR : Top Red = the female hemisphere is red / the male hemisphere is white and photoluminescent

BR : Bottom Red = the female hemisphere is white and photoluminescent / the male hemisphere is red

## Bird flight diverter BPO



- Sicame bird flight diverters have been designed to warn the birds against overhead transmission cables and to reduce collisions.
- They are specially recommended near migration passages and protected areas.
- Bird flight diverters can be located either on phase conductors voltage <132kV and/or on earthwires.
- For optimum results it must be considered an average spacing of 4m.
- Sicame bird diverters are easy to install, have low wind resistance and do not slip under the action of wind vibrations
- Fligh diverters are UV resistant plastic.

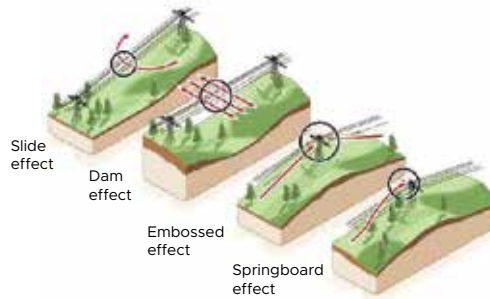
## Bird flight diverter



- Sicame bird flight diverters have been designed to warn the birds against overhead transmission cables and to reduce collisions.
- They are specially recommended near migration passages and protected areas.
- Bird flight diverters can be located either on phase conductors and/or on earthwires.
- For optimum results, you can place bird flight diverters every 4 meters for the small diverter (BPO) and every 7 meters for big ones (BPOG).
- Bird flight diverters are UV resistant plastic.

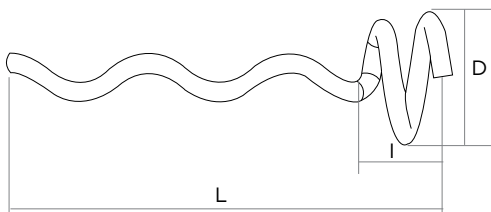
**BPO** XXX XXX X  
A B C

- A Capacity minimum
- B Capacity maximum
- C Color



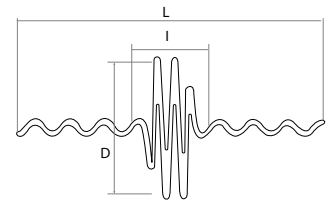
**BPOG** XX XXX XXX X  
A B C D

- A If version of high voltage > 132 kV
- B Capacity minimum
- C Capacity maximum
- D Color



Color X : R - Red, B - White, G - Gray, O - Orange

Reference	Capacity		Wei. kg	L mm	l mm	Dmm
	Mini mm	maxi mm				
BPO 045 063 X	4.40	6.30	0.040	180	35	56
BPO 063 089 X	6.31	8.90	0.050	250	40	61
BPO 089 115 X	8.91	11.50	0.060	250	45	70
BPO 115 153 X	11.51	15.30	0.070	280	55	75
BPO 153 196 X	15.31	19.60	0.160	330	65	100
BPO 196 218 X	19.61	21.80	0.190	380	75	105
BPO 218 264 X	21.81	26.40	0.220	440	85	125
BPO 264 300 X	26.41	30	0.240	460	95	135



### BPOG HT t < 132 kV

Color X : R - Red, B - White, G - Gray, O - Orange

Reference	Capacity		Wei. kg	L mm	l mm	Dmm
	Mini mm	maxi mm				
BPOG 045 060X	4.5	6.00	0.570	800	200	350
BPOG 060 080X	6.01	8.00	0.575	800	200	350
BPOG 070 095X	7.01	9.50	0.578	800	200	350
BPOG 080 115 X	8.01	11.50	0.580	800	200	350
BPOG 115 145 X	11.51	14.50	0.590	800	200	350
BPOG 145 180 X	14.51	18.00	0.595	800	200	350
BPOG 180 225 X	18.01	22.50	0.600	800	200	350
BPOG 225 280 X	22.51	28.00	0.610	800	200	350
BPOG 280 360X	28.01	36.00	0.620	800	200	350

### BPOG HT t > 132 kV

BPOG HT 145 180X	14.51	18.00	0.500	1000	200	350
BPOG HT 225 280X	22.51	28	0.600	1000	200	350
BPOG HT 570 612X	31.05	32.10	0.610	1000	200	350

### Sicame India

#37, Sirunkundram Chengalpet District - 603 108, Tamilnadu, India  
 Tel: +91 44 27 41 02 00 | Mob: +91 88709 30576  
 sales.transmission@sicame.in | www.sicame.in