

## Helical Arching Horn



### General Recommendations

Helical arcing horn is another PLP innovative design concept intended for use on distribution lines up to 66kV.

Helical arcing horns provide protection of the loop of helical dead ends and of the adjacent insulator, against lightning strike and flashover. They are designed to wrap over the legs of the applied dead end, with the arcing tip pointed towards the pole, on new construction as well as being easily retrofitted on existing installations.

**Materials Used:** These fittings are made of material compatible with the conductor to which they will be applied, and the arcing tip is of adequate design to provide the required degree of protection.

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**Insulators:** PLP arcing horns are available for long-rod and disc type insulators.



## For Aluminium Based Conductors

### Right Hand Lay Standard.

CATALOGUE NO.	CONDUCTOR DIAMETER (mm)	COLOUR CODE	SETS INSULATORS TYPE	APPROX PER PACK	APPROX PACK MASS (kg)	APPROX LENGTH OF FITTING (mm)
AHL 249	6,26 - 6,53	Orange	Long Rod	25	3	560
AHD 249	6,26 - 6,53	Orange	Disc	25	4	560
AHL 280	6,87 - 7,11	Yellow	Long Rod	25	4	551
AHD 280	6,87 - 7,11	Yellow	Disc	25	4	551
AHL 330	8,27 - 8,64	Blue	Long Rod	25	4	574
AHD 330	8,27 - 8,64	Blue	Disc	25	4	574
AHL 396	9,66 - 10,12	Yellow	Long Rod	25	4	635
AHD 396	9,66 - 10,12	Yellow	Disc	25	4	635
AHL 432	10,83 - 11,25	Red	Long Rod	25	4	635
AHD 432	10,82 - 11,25	Red	Disc	25	4	635
AHL 558	13,82 - 14,40	Brown	Long Rod	25	4	680
AHD 558	13,83 - 14,40	Brown	Disc	25	4	680

## For Copper Conductors

### Right Hand Lay Standard.

CATALOGUE NO	CONDUCTOR DIAMETER (mm)	COLOUR CODE	SETS INSULATORS TYPE	APPROX PER PACK	APPROX PACK MASS (kg)	APPROX LENGTH OF FITTING (mm)
CAHL 312	7,28 - 8,23	Blue	Long Rod	25	12	597
CAHD 312	7,28 - 8,23	Blue	Disc	25	12	597

Other sizes on application

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