

AC Coupon Box Type

APPLICATION

AC coupons can be used on onshore pipelines and plant piping systems to monitor levels of AC on the piping in question. AC coupons (typically 1 cm² in exposed surface) are a useful tool to monitor AC voltage level on pipelines in areas where AC interference from overhead transmission lines is observed. Installed at the correct depth and distance from the pipeline they offer key information as part of the AC mitigation system.

CPCL offer a full range of AC coupons with different metal types to ensure it matches with the material of the clients' pipelines. CPCL offer a standard range of coupons for specific markets s detailed below. However, all coupons can be customised for example with different coupon size or cable size, length and colour.

All our coupons comply with ISO-22426:2020.

STANDARD AC COUPON DATA BOX TYPE

Enclosure:	uPVC box 106mm x 106mm x 53mm
Coupon Material:	Mild steel plate (or to client specification)
Coupon surface area:	1 cm ² (or to client specification)
Encapsulation:	Epoxy resin
Cables:	Two stranded copper conductor 1x10mm ² XLPE/PVC (White), 600/1000V grade 10m long (or to client specification)
Cable glands:	Two polyamide cable glands

