

AC Coupon Rod 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 as 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 ROD TYPE

Coupon Material:	Mild steel rod 11.2mm dia (or to client specification)
Cables:	Two stranded copper conductor 1x10mm ² XLPE/PVC (White), 600/1000V grade 10m long (or to client specification)
Dimensions:	Coupon (not including cable) 150 mm Long x 11.2 mm diameter
Coupon Size:	1cm ² of exposed metal
Encapsulation:	Epoxy resin and further covered with adhesive lined heat shrink.



Images are for illustrational purposes only.