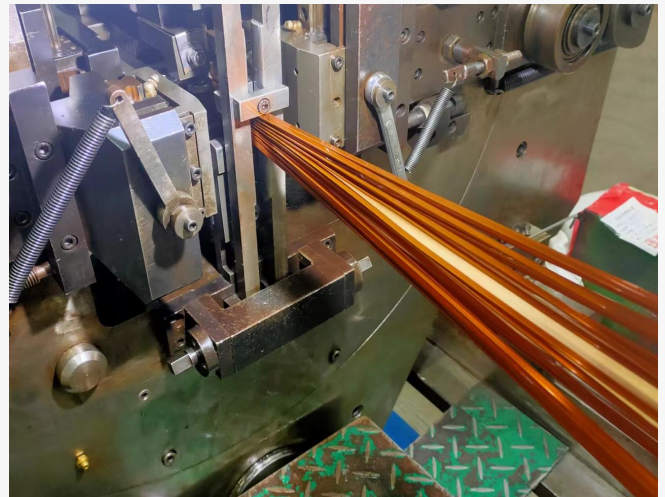




# CTC Paper Covered Conductor

## Features:

1. Continuously transposed conductors CTC Cable is made of a certain number of enameled flat wires arranged in two columns in sequence by special technology, and wrapped by special insulating materials( insulation paper, rope or tape).
2. It consists of a group of enameled rectangular wires, usually with PVF (polyvinylformal) enamel, which are transposed to create a kind of rectangular strand.
3. CTC configurations come in different lengths to best suit the diameter of transformer windings for different applications and they may also contain between five and 80 wire strands.
4. Application: used in medium and ultra-high power transformers in electrical equipment. (large-scale oil-immersed power & dry type transformers, reactors. )



## CTC Paper Covered Conductor Technical Specifications:

Transposition number	5 – 80 (odd or even optional)
Maximum dimension	height 120 mm, width 26 mm (tolerance $\pm 0.05$ mm);
Single conductor size	thickness a: 0.90 – 3.15 mm, width B: 2.50 – 13.00 mm (tolerance $\pm 0.01$ mm);
width thickness of a single conductor is	$2.0 < B / a < 9.0$
coating thickness of enameled wire	0.08-0.12mm
Thermal Class	class H 180°C or Class E 105
Conductor Materials	Copper & Aluminum

### Types of CTC conductor

Polyvinyl acetal enameled with paper insulation CTC

Polyvinyl acetal enameled over coated bond able epoxy resin with paper insulation CTC

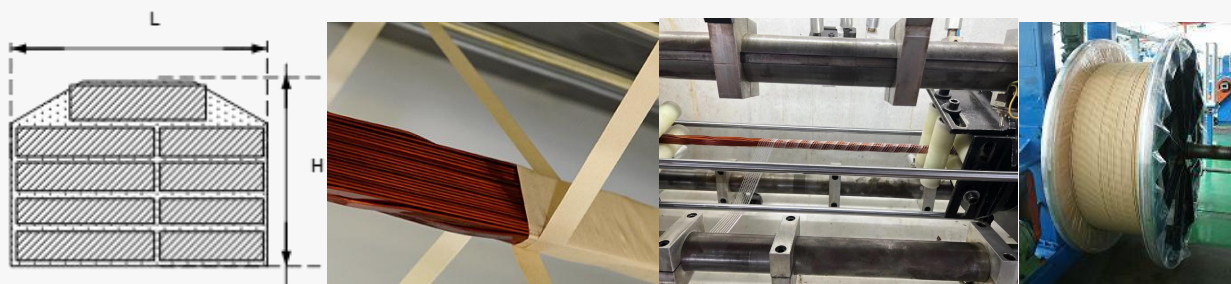
Polyvinyl acetal enameled with paper insulation 、hardened copper CTC

Polyvinyl acetal enameled over coated bond-able epoxy resin with paper insulation 、hard-ened copper CTC

Polyester net covered CTC

Polyestermide enameled with Nomex insula tion paper CTC

Polyester fibre non-weaving modified polyes-ter enameled CTC



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