

# C-Cores Assemblies (transformers)

C-Cores assembly, for power applications... This technology applies to harsh environment, vibration and isolation requirements.



## Key Benefits

- Low losses

## Typical application

- Filtering inductors, interphase inductors, autotransformers, multi-pulse transformers...

## Technical characteristics

Frequency	Up to several kHz
Insulation class	Up to 240°C
Molding	Epoxy, Polyurethane

## Examples of Transformers

Power (kVA)	Frequency (Hz)	Voltage (In out ,V)	Output current (A)	Material	Weight (kg)	L x W x H* (mm)	Specific features
80	1500	480/48	80/120	Amorphous	153	260 x 400 x 470	Molded Coils, Anti flash finish, Railway application <b>(1)</b>
15	50	100/10	1500	FeSi	140	420 x 305 x 385	High Current, Anti flash finish, <b>(2)</b>
5	400	3 x 360 3 x 96	30	FeSi	3	100 x 80 x 100	Autotransfo. 12 pulses, molded for cooling and mechanical fixture, aviation application
2,5	2000	2 x 75/170	14.7	FeSi	9	152 x 131 x 163	Anti flash finish, energy application <b>(3)</b>
2	400	3 x 200 3 x 400	3	FeSi	2.5	125 x 70 x 90	Autotransformer 12 pulses, military aviation application

\* L = Lengths – W = Width – H = Height

