

Lightweight flexible power cables

Axon' Cable can now offer an addition to their standard Flexforce® range: Flexforce LITE®.

Main characteristics

- > For high current requirements,
- > Insulated with special Axon' compounds, halogen free,
- > For use in the most severe environments.

Advantages

- > Flexforce LITE® is made with Copper Clad Aluminium (CCA) conductor,
- > For the same conductivity a weight saving of 37% can be made over copper,
- > Greater flexibility with up to 36% more strands than a standard Class 6 conductor.

	CU	CCA
Density	8.89	3.635
IACS	100%	65%
Relative weight (same AWG)	100%	40.89%
Gain		59.11%
Relative weight (same conductivity)	100%	62.90%
Gain		37.10%

Terminations & connections

Axon' Cable is working with a leading connector manufacturer to develop a new range of power connectors. Just like Flexforce LITE® these connectors will be lightweight, reducing still further the overall assembly weight.



Power connectors

Applications

Flexforce® and Flexforce LITE® flexible power cables have been designed for applications, such as **Armoured Vehicles** (power distribution, starter cables, hybrid electric drives, auxiliary power and systems, engine management, engine management and active armour), **Tanks**, **Remote Weapon Systems**, **Radar Systems** (high power radar, airborne radar), **Mast Systems**, **Public Transport** (trams, metro), **Cars** (electric drives) and many more.

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