



## **10.17.2006 - KnuKonceptz Announces KLM 1/0 CCA Kable**

KnuKonceptz continues to blaze new trails for automotive audio enthusiasts with its new Copper Clad Aluminum Cable dubbed "KLM". Copper Clad Aluminum (CCA) is made up of 90% Aluminum and 10% Copper. While an aluminum conductor has a higher resistance than a copper conductor of the SAME size, when oversized it can yield the same resistance per foot as copper. By making a "Kolossus" CCA cable we are able to provide the same level performance found in standard copper cables at a fraction of the price.

### Overview:

The new KLM 1/0 is built to the same spec as our Kolossus 1/0 Kable  
The KLM 1/0 Kable will support loads ranging from 200-250A  
Offered in the same Metallic Blue and Silver Pearl Jacket as the eKo

### Common questions surrounding the KLM Kable:

#### **Why hasn't Copper Clad Aluminum been used before?**

In previous years Copper has been a very affordable and stable metal. Over the last year, its demand has caused a huge increase in price of the raw material. As a result, the cost and performance of the CCA makes it a logical replacement for the now unstable copper market.

#### **Is CCA really equivalent to Copper?**

By making our KLM Kable to the spec of our Kolossus Kable, we have increased the area by 30% over the standard 1/0 cable. At lengths of 20 feet or less, this added material will allow our KLM Kable to perform like any other standard 1/0 Oxygen Free Cable

#### **Would Aluminum perform the same without the copper?**

Aluminum by it self is brittle, the copper adds flexibility to the cable. The additional copper will also improve resistance over standard AL and protects the AL from oxidizing. Aluminum exposed to excessive moisture will oxidize faster than copper. As an added precaution, we now include small tubes of Dielectric Grease with every purchase of a KLM model product – Dielectric Grease is used to seal out moisture at connection points. This is merely an extra precaution to prevent oxidation from occurring and should be used at any external connection point.

Overall flexibility of the cable is just like any other KnuKonceptz product of equal size.