



Article published on May 17th 2012 | [Business](#)

With the high dependence of today's world on wires and the fact that they connect everything that can be connected, their long life and high performance have become a very important aspect now. One such type is the copper clad or the copper covered steel wire. These kinds of wires are made by the combination of the mechanical resistance that steel has, with copper, which has resistance to corrosion and conductivity. This combination makes these types of wires highly preferred as they offer the best traits of both, copper and steel. They work just like a copper conductor and have much higher tensile strength than the ordinary copper conductors. The copper clad steel wire has been here since long, having being first manufactured in 1915.

The copper clad steel wire manufacturer today has numerous combinations for these wires suitable to the needs of various industries. These could be single wires or bunched, or a stranded cable. The copper clad wires are mostly used by industries that need high-frequency and need the wires to have high conductivity. Most of the copper clad steel wire manufacturer produce wires with the standard configurations of 21%, 30%, and 40% IACS (IACS is International Annealed Copper Standard) and some of them offer customized configurations for the wires to help their clients gain much higher conductivity for their specialized applications. Certain variations can be made by changing the grade of the steel of the wire at the core, changing the composition and also the way the wires are processed, help to achieve the changes desired by various clients.

The copper clad wires are made with a copper cladding the surrounds the steel and apart from the high conductivity and the tensile strength, copper clad steel wire manufacturer list additional benefits of these; industries save a lot of cost as steel costs are very low, and to add to that, the tensile strength makes them stay viable for longer periods which makes them the right choice if efficiency is to be expected. Also, the copper covering around the entire length of the wire means the chance of corrosion is minimal to none.

The copper clad steel wire manufacturer also uses these as CATV drop wires that enable signals to directly reach the homes of the consumers. Some of these wires are used as grounding conductors in various industries and also used in different combinations in other industries that need steel with extra strength.

It is necessary to find the genuine producers for these wires. The authentic companies will be authorized and will have proof for the same. Other manufacturers may offer wires fitting the description; however, their products may have been made by electroplating, which will lead to porosity, cracking, or peeling, which may lead to a lot of damage for the industries that buy them for long term and reliable use.

Article Source:

<http://www.articleside.com/business-articles/lending-the-best-to-today-s-world.htm> - [Article Side](#)

[Rock Blake](#) - About Author:

Fushi Copperweld prides itself on providing the highest quality products at a tremendous value to our customers. To know more about a [copper clad steel wire manufacturer](#) than, please visit our website.

Article Keywords:
copper clad steel wire manufacturer

You can find more [free articles](#) on [Article Side](#). Sign up today and share your knowledge to the community! It is completely FREE!