

## Mains Plug AP-C7Cu



If you want to build better mains connectors, the basic problem is the low conductivity of the conducting material. The most commonly used material is brass which achieves only 35% of the conductivity of pure copper.

Even with contacts made from bronze, only 50% of the conductivity of pure copper is achieved. Even precious coatings of gold, silver or rhodium do little to change this.

The right way to significantly increase conductivity is therefore to make the contacts themselves from copper.

However, since copper in its natural form is too soft for mains connectors, we use copper in our connectors that has been subjected to a special machining process by ATL. The necessary hardness and abrasion resistance of the electrical contacts is achieved with this process. To my knowledge, this is the only contact material in the world that reaches 100% conductivity of pure copper and has the necessary strength for mains connectors.

In my experience, the Audioplan copper plug has the least inherent of the plugs I tested.

Compared to standard plugs, it sounds cleaner, less distorted, more colourful and delivers a more natural energy and blackness in the lower midrange and bass.

Compared with high-priced, galvanically plated plugs, AP M16Cu convinces with perfect tonal balance and natural harmonic structure.

| Technical Data           | Mains Plug AP-C7Cu              |
|--------------------------|---------------------------------|
| Type                     | C7 female plug                  |
| Max. current             | 7 A                             |
| Max. cable cross-section | 2.5 mm <sup>2</sup>             |
| Cable diameter           | 8 mm- 12 mm                     |
| Electrical contacts      | one-piece pure copper contacts  |
| Body                     | non-resonant POM housing, black |