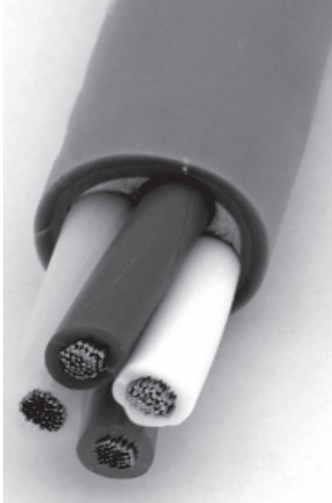


CATALYST



We designed the *Catalyst* speaker cables with two crucial goals in mind. The cables' first goal is to deliver precise, accurate, and robust sound. Secondly, although, of no less importance, the cables must self-cancel the interference created by the large amounts of power they inherently must carry. The *Catalyst* provides speakers with everything they need to excel, while components and interconnects are kept safe from the interference that impedes initial signal creation and ultimate delivery.

When designing a speaker cable to elicit the optimal sound from a system, there is more to consider than simply safeguarding the integrity of signal from component to speaker. Speaker cables must accommodate relatively high signal levels, typically tens to hundreds of Watts of RMS power. Cables with the wrong internal configuration radiate electromagnetic interference directly into adjacent lower voltage cables. The *Catalyst* solves this problem by using an internal star-quad configuration. With each conductor being located an equal distance from the center, opposing magnetic fields are cancelled out altogether, leaving interconnects, microphone cables, etc. safe from signal corrupting interference.

The *Catalyst's* construction features four fourteen gauge oxygen-free copper conductors. When used in pairs, these conductors combine to effectively create two eleven gauge conductors. Even in the longest cables we have constructed, signal degradation is of no consequence. Intertwined amongst the star-quad is a cotton filler material and a special polyethylene insulation that provide a low-capacitance dielectric, for a greatly improved frequency response. This design also improves the damping factor at the speaker. At the tips, each connector is gold plated for maximum signal transference.

When paired with our *Cyprium* interconnects, the aural results of the *Catalyst* are astounding. Stripping away the contaminants that come from unmatched, poorly constructed wiring and delivering raw, naked signal produces an unrivaled listening experience worthy of the most discerning audiophiles.



- Self-cancelling of interference yields uncontaminated signal
- Pure Copper, Braided Conductors
- Superior Signal Isolation
- Gold-Plated Banana Plugs
- Polyethylene insulation that provide a low-capacitance dielectric
- Star-Quad configuration for maximum signal protection

- Conductor: 11 AWG (combined 4 conductor Quad)
- Stranded annealed Copper conductors for flexibility and long life durability.
- Special PE dielectric for great frequency response in longer cables
- Special Polyethylene Dielectric for low capacitance
- Low series resistance for improved frequency response
- Conductor DC Resistance: <math><2.6\text{ ohms}/1000\text{ ft.}</math>
- Nominal Capacitance: 45.0 pF/ft

