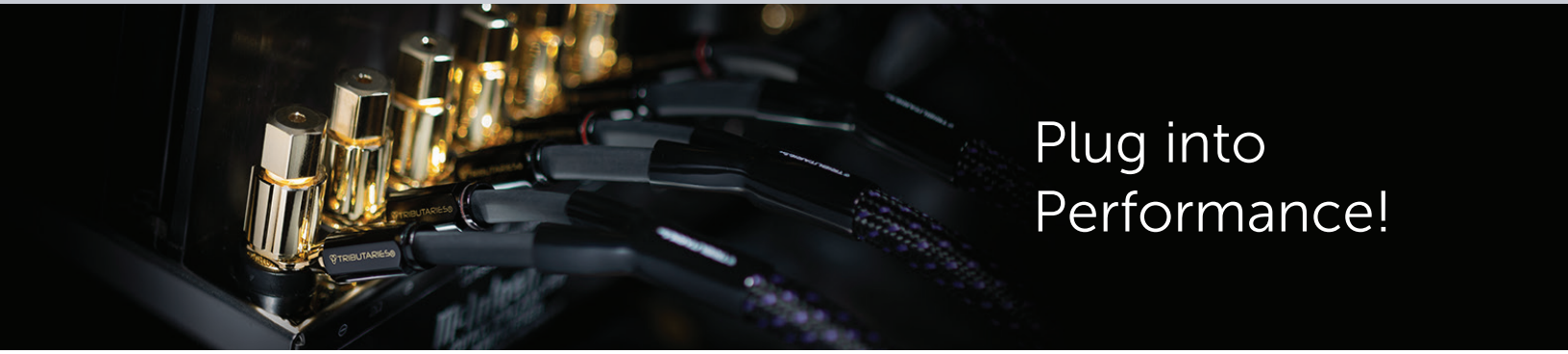
TRIBUTARIES®
Bringing it all **together**

DATA SHEET

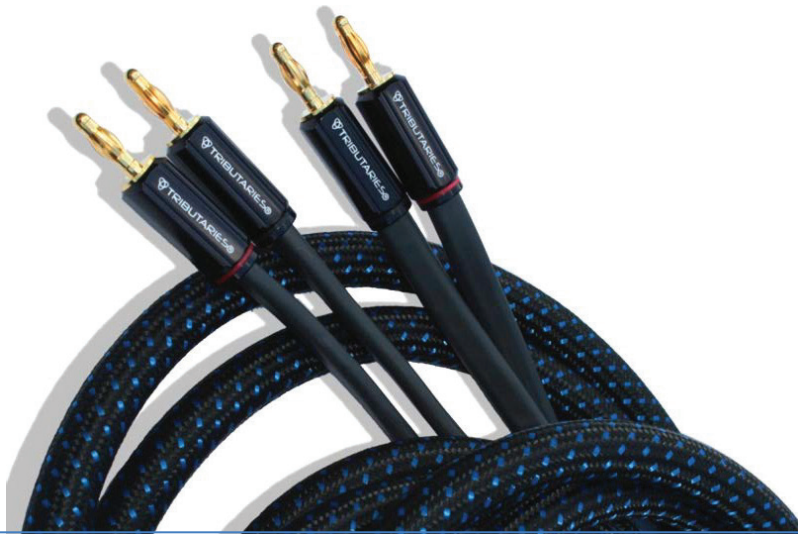
SPEAKER CABLES



Tributaries high performance speaker cables are a unique design by Jay Victor optimized for superior sound quality. Starting with the same conductor criteria as Tributaries audio cables; speaker cable designs incorporate high performance copper with insulated multi-gauge conductors sharing the same sonic traits resulting in a sound which is more frequency balanced.

Special attention to cable geometry is given to the design of speaker cables. Speaker cables carry high current signals that are susceptible to magnetic fields. As a signal travels along a wire it creates a magnetic field that increases with signal voltage. This self-inductance impedes the signal by virtue of its inductive reactance. Star-Quad design cancels magnetic fields and improves the sound quality of your system.

Star-Quad Geometry
Tributaries Series 4, 6 and 8 speaker cables all include a Star-Quad design. Star-Quad speaker cables are designed with four conductors, all wound together, in a "positive, negative, positive, negative" configuration. The cable is produced such that all 4 wires are evenly twisted together keeping each conductor the same distance from the center and ensuring each positive conductor is next to each negative conductor. The net result is the cancellation of opposing electromagnetic fields generated by each conductor pair. This design improves the system's performance by preventing EMI noise from entering and distorting the signals in nearby low level audio, video or digital cables. Another benefit of the Star Quad design is the reduction of the cable's inductance, again, improving the cables electrical performance and reducing the distortion it produces.



Resistance
Resistance is another consideration when choosing a speaker cable. In simple terms: the larger the diameter of the cable or conductor; the lower the resistance. Cable resistance is expressed in ohms per unit. For instance, 500 feet of 16-gauge wire has a resistance of about 4 ohms. With speaker cables this becomes an issue. Because speakers exhibit input impedances in the range of 2 to 8 ohms, the resistance of the cable can add significantly to the overall load. For example, if a 4-ohm speaker is connected to an amplifier with a cable that exhibits a 4-ohm resistance, the cable will dissipate half of the amp's power before it even gets to the speaker! Tributaries offers a full line of speaker wire with gauges from from 11AWG to 16 AWG for your consideration. Below is a handy guide for choosing the correct size speaker wire for your unique installation.

Maximum Wire Lengths for Two Conductor Copper Wire

Wire Size	2 Ω load	4 Ω load	6 Ω load	8 Ω load
16 AWG	12 ft	24 ft	36 ft	48 ft
14 AWG	20 ft	40 ft	60 ft	80 ft
12 AWG	30 ft	60 ft	90 ft	120 ft
10 AWG	50 ft	100 ft	150 ft	200 ft

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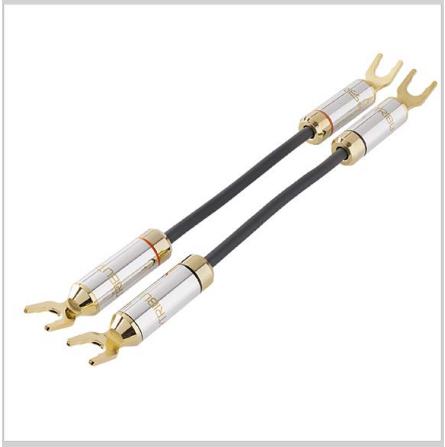
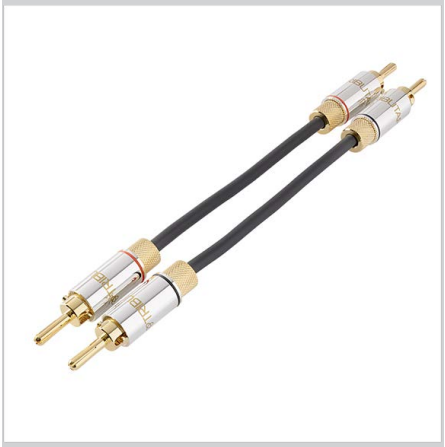
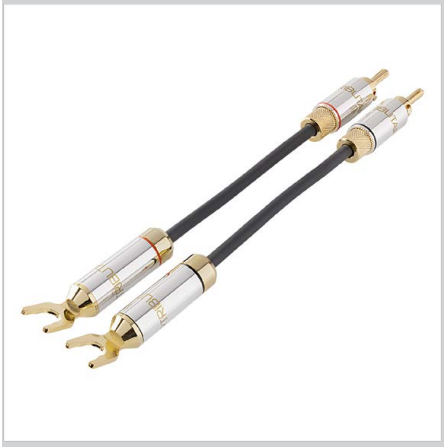
If your speakers are bi-wireable and you prefer to use standard speaker cables with the stock metal jumpers between binding-posts we recommend replacing the metal jumpers with Tributaries Speaker Jumper Cables. Replacing the factory-supplied metal jumpers results in improved sound because the metal jumpers are typically not made of high-quality material. Tributaries offers Speaker Jumper cables in 6-inch lengths and sold in sets of two. If your speakers require custom length jumpers we are happy to make these cables to your unique specification.







SERIES 8 SPEAKER JUMPER CABLES

MODEL:8SJ MKII

Reference Grade Auidophile Cable

All Series 8 audio cables are meticulously assembled by hand in Orlando, Florida. If your speakers are equipped with 4 binding posts they are meant for bi-wiring. One pair is for high frequency and the other pair is for low frequency. If you prefer not to bi-wire, speaker manufacturers provide gold plated brass bars to bridge the negative posts and the positive posts combining the high with the low. We recommend that you upgrade the stock bars with Series 8 Mark II speaker jumpers made of ultra-pure LC-OFC that is carefully drawn to produce a low crystal volume per foot resulting in less signal loss and distortion. Mark II cables are silver soldered onto proprietary spade lugs and locking banana plug connectors made with Tellurium (TE) copper increasing conductivity and strength. The lower resistance and high conductivity of the Series 8 MKII speaker jumpers will make an audible difference.

The Series 8 Mark II speaker jumpers are stocked in pairs in lengths of 8 inches with custom lengths available.

Model 8SJ Mark II Highlights
Hand crafted by skilled artisans in Orlando Florida, USA
14AWG LC-OFC conductors for best signal transfer
Three separate wire gauges for best bass, midrange and highs
Propriety optimized cable geometry for low noise and distortion
Unique design by Jay Victor for superior sound quality, exclusively from Tributaries
Gold-plated Tellurium copper spade lugs and banana plug connectors
Available in 8 inch length, sold in pair

Tributaries Cable: 7022 TPC Drive Suite 500, Orlando, FL 32822
Phone: (888) 554-2514 or (407) 855-0497 – **Sales:** sales@tributariescable.com