

The concept of our servo-bass system is an easy one to understand. It employs an accelerometer as a sensor to constantly monitor the movement of the woofer cone and instantaneously compare it to the input signal. This comparison circuit identifies any deviation from the input signal and applies a corrective signal to compensate; resulting in the virtual elimination of the inherent distortion of the woofer.

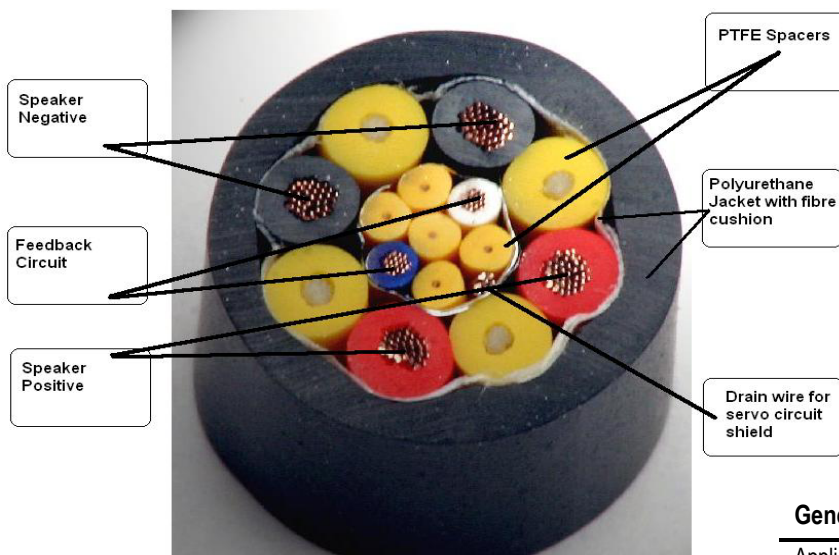
In the Genesis products with an external amplifier, this means that the servo/bass cable that connects the woofer and accelerometer to the servo amplifier is a part of the servo system feedback circuit. It carries the measurement information from the accelerometer to the comparison circuitry in the servo-bass amplifier, and the corrected bass signal to the woofers.

The Genesis Servo/Bass cable was designed to work as a system with the servo circuit and the amplifier. It is a speaker cable, and a feedback circuit cable engineered together with the inductance, capacitance, and resistance of the cable optimized for each of the circuits – the accelerometer as well as the drivers.



Grounded shielding was employed to ensure minimal crosstalk interference between the accelerometer return and the high-voltage speaker signal.

The result is an improvement in bass definition. The phase behavior of the woofers is more accurate, and with lower crosstalk between the servo measurement circuitry and the speaker drive, there is more slam and, subjectively, more speed in the bass. As bass is the foundation of music, you will also hear an improvement in ambient retrieval, soundstaging, and midrange clarity.



### Genesis Servo/Bass Woofer Cables

Applicable Models:	Genesis Servo-Bass External Amplifiers
	G I, G1.1, G II, GII.5, G200, G201, G300, G350, G350SE, G V, G VI
Termination	Neutrik™ High Current Speakon

**absolute fidelity™**