



Silver Spiral



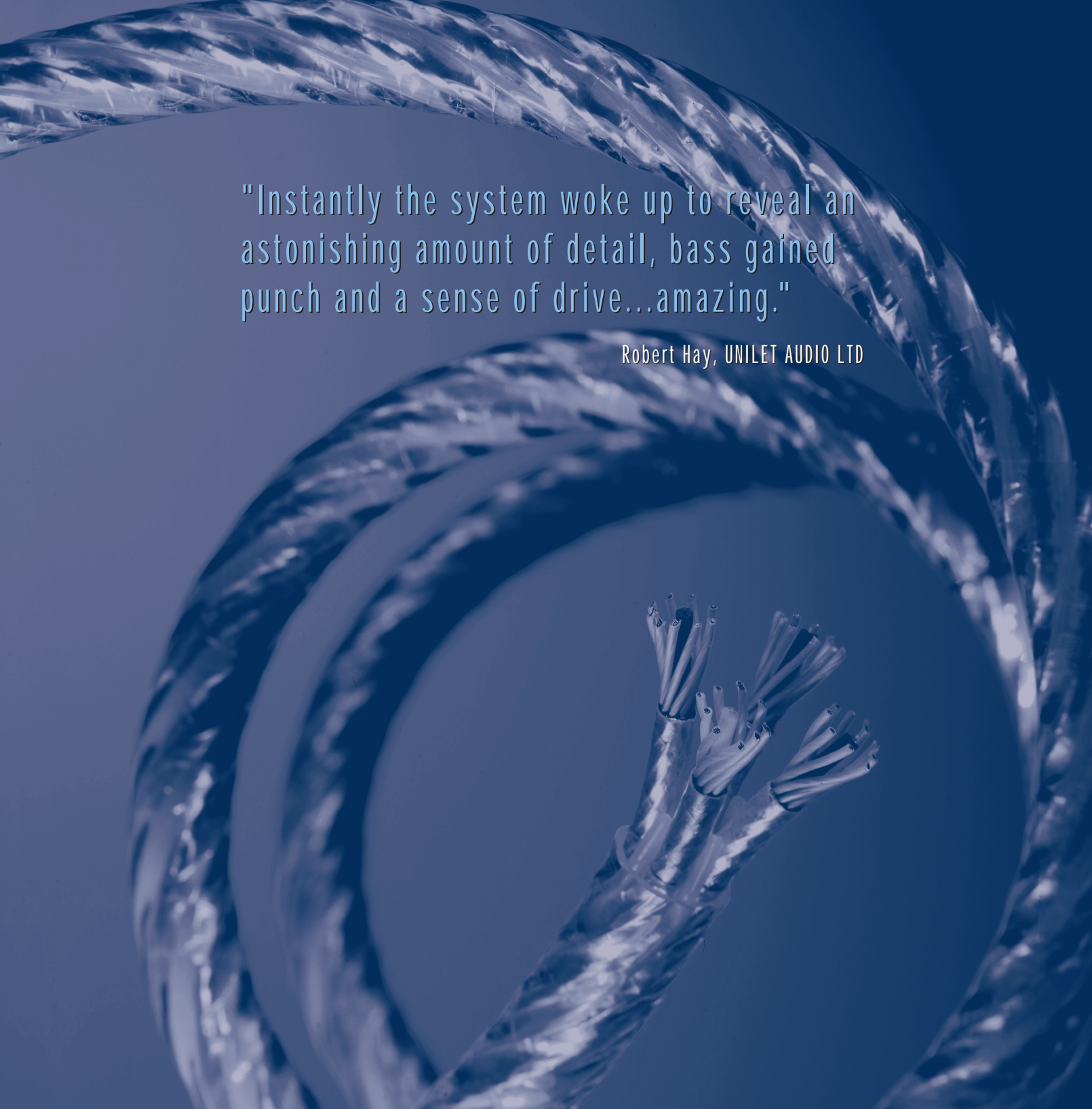
Silver Spiral Bi-Wire



GENESIS

High Performance
Speaker Cables





"Instantly the system woke up to reveal an astonishing amount of detail, bass gained punch and a sense of drive...amazing."

Robert Hay, UNILET AUDIO LTD



The Sound Of Science

In 1994 QED conducted the most extensive ever scientific investigation into the effects of speaker cable on hi-fi system performance. The results, published in the ground-breaking "The Genesis Report"*, formed the blueprint for *Genesis 1*, up to then the most remarkable speaker cable QED had made.

Four years in development, **Genesis Silver Spiral** is the production version of *Genesis 1* and a more remarkable product still. It has all the qualities of the cost-no-object prototype but at an affordable price and establishes a stunning new benchmark for medium-priced cables. Now it's joined by **Silver Spiral Bi-wire**, the four-core version of Genesis SS, and the rules governing just how good a speaker cable can sound are about to be re-written once again.

*A copy of "The Genesis Report" is available on request

QED speaker cables and interconnects are recommended by many of the world's leading manufacturers of hi-fi equipment including:



DENON

CELESTION



SONY

YAMAHA

MISSION

CURA



Home Entertainment
EDITOR'S CHOICE

AUGUST 99

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WHAT HI-FI?



JULY 99

Hi-Fi
WORLD

"The Genesis proved especially gifted when it came to retrieving low level detail... it gives the competition at two or three times the money a very tough time."

Genesis Silver Spiral

The *Genesis Report* exploded many of the myths and misconceptions surrounding cable design and established the principles to which all current QED cables conform.

Genesis Silver Spiral epitomises such thinking. It is, above all, sonically accurate, transparent and neutral - a genuine reference.

Silver Spiral's exceptionally low resistance allows amplifiers to exert stunning grip and control on the speakers they're driving, especially in the bass. Transient response is improved, overhang virtually eliminated; the drivers spend more of their time converting the signal.

This isn't just another speaker cable but a high performance audio component. *It could just be the most cost-effective upgrade you ever make.*

"Clarity is the name of the game here and if the information is there... you can be sure this cable will let it all through... detailed treble coupled to weighty and tight bass, always ensures a dynamic and exciting performance... Genesis performs so well it's certainly worth the money."

WHAT HI-FI August 99



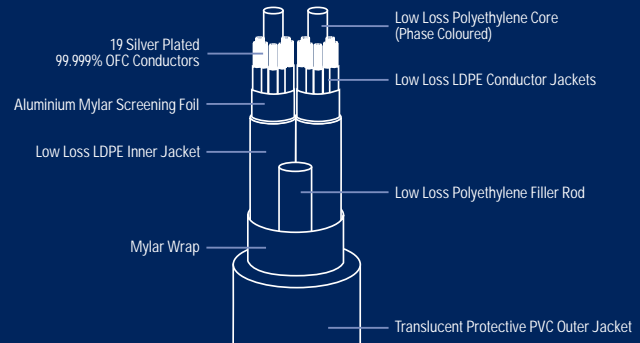
"If they were handing out Oscars for killer speaker cables, this scintillating silver number would be among the nominations."

HOME ENTERTAINMENT August 99

Construction

Starting from the inside, Genesis Silver Spiral comprises two grouped bunches of conductors. Each group is made up of nine individually insulated silver plated 99.999% Oxygen Free Copper cores twisted around two central fillers (one red, one white) in QED's special spiral geometry to minimise sound-degrading "proximity effect". Silver plated OFC provides greater conductivity than copper alone and delivers superb resolution and delicacy, especially when used as part of a 'high-end' system.


All elements of the dielectric, including the thin, low density conductor insulation, are Polyethylene (*a material with a low dielectric constant and an ability to dramatically reduce signal leakage*). The grouping geometry reduces inductance between the bunches and interaction between conductors, thus minimising field effect distortions. Aluminium mylar tape separates the twisted conductors and the translucent PVC jacket provides a tough protective flexible outer cover.



Technical Specifications

Total Conductor Section (mm)	Conductor Material	Conductor Dielectric	Finish	Overall Diameter (mm)
11.0	Silver Plated 99.999% OFC	Polyethylene	Translucent Silver	16.6
Loop Resistance (Ω/m)	Parallel Capacitance (pF/m)	Loop Inductance ($\mu H/m$)	Admittance ($\mu S/m$)	Dissipation Factor (@1Khz)
0.0079	76	0.46	0.48	0.007

All measurements taken are for a 5 metre Airloc terminated pair.



"An amazing speaker cable, but even more amazing when you consider the cost"."

Vijay Patel, MUSICAL IMAGES

Genesis Silver Spiral Bi-Wire

Genesis Silver Spiral Bi-wire extends the already remarkable performance envelope of standard GSS by using Genesis dual core technology in a compact quad core format (just 20mm in diameter).

This ensures that the grip and transient precision offered by the ultra low resistance of Genesis directly benefits a speaker's separate drive units which are fed from the amplifier's output terminals along dedicated bass and treble conductors.

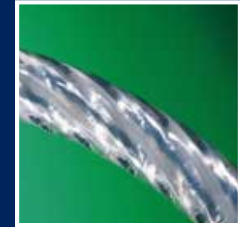
With no splitting or sharing of cores to degrade damping and increase resistance (a problem common to many bi-wire cables), dynamic impact is maximised and distortion reduced to vanishingly low levels. *The result is unparalleled musical cohesion and a truly three-dimensional soundstage* with solid, believable images you can almost reach out and touch, even during the most complex musical passages.

Why Bi-Wire?

In a single wired system unwanted mechanical and electrical resonances appear as distortion at both sets of speaker terminals. Due to the cables impedance these distortions will not be entirely cancelled by the amplifier. This means that distortion is modulated between the two sections of the speaker system degrading the sound quality. With bi-wiring this interaction is minimised as signal distortion appears right back at the amplifier's output where it can be more effectively cancelled. This method of wiring ensures that a clean signal is present at both the bass and treble speaker terminals. Rarely is this ideal achieved due to the compromises made in meeting this criterion - **Genesis Silver Spiral Bi-Wire is the outstanding exception.**

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Robert Hay, UNILET AUDIO LTD



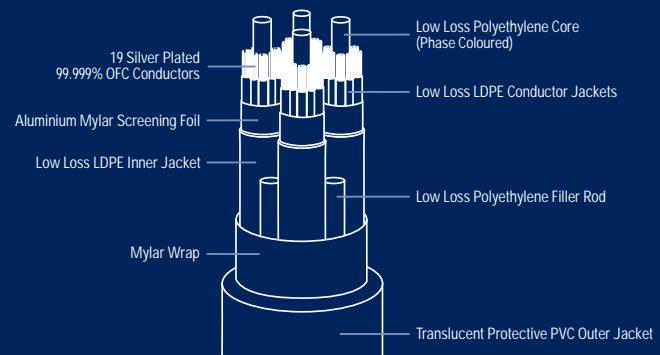
Construction

The composition of its four conductor groups is identical to the two in Genesis SS. Each comprises 9x19/0.2mm silver plated 99.999% OFC conductors, giving an amazing total cross sectional conductor area of 22 square millimetres. But low resistance is only one of the key elements. Genesis SSBW's use of multiple insulated silver-plated OFC copper groups ensures low inductance and reduces the magnetic flux density across each conductor. And the spiral geometry, with its precision spacing and selective twist rates, cuts interaction between conductors, thus minimising field effect distortions and further improving sound quality.

Quad core construction imparts an even better dissipation factor than that of Genesis SS and, together with the all Polyethylene dielectric, virtually eliminates signal leakage.

The unique quad core construction is also very compact - Genesis SS BW has twice the cross sectional area of conductors of Genesis SS, yet amazingly it is only 25% larger (just under 20mm in diameter).

Seen through a translucent PVC jacket, Genesis Silver Spiral's unique geometry and silver-plated conductors look stunning.



Technical Specifications

Total Conductor Section (mm ²)	Conductor Material	Conductor Dielectric	Finish	Overall Diameter (mm)
22.0	Silver Plated 99.999% OFC	Polyethylene	Translucent Silver	19.6
Loop Resistance (Ω/m)	Parallel Capacitance (pF/m)	Loop Inductance (μH/m)	Admittance (μS/m)	Dissipation Factor (@ 1Khz)
0.0079	88	0.48	0.56	0.004

All measurements taken are for a 5 metre Airloc terminated pair.



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