

# PURE SILVER CONDUCTORS

LS-4004 AIR PURE SILVER & LS-2404 AIR PURE SILVER

SRP



**inakustik**

KABEL | LAUTSPRECHER | MUSIK



# PURE SILVER CONDUCTORS

LS-4004 AIR PURE SILVER & LS-2404 AIR PURE SILVER

**Our unique AIR technology impressively demonstrates what high-end cables can achieve in terms of sound - thanks to selected materials and sophisticated cable architecture. For the further development of its AIR cable series, we have intensively worked on perfecting the conductor material now: The flagship Reference LS-4004 AIR PURE SILVER and the Reference LS-2404 AIR PURE SILVER have got conductors made of pure silver.**

The AIR technology is a milestone in our more than 40-year company history and is causing a worldwide sensation in the hi-fi industry. The approach sounds relatively banal: Physical losses must be minimized in order to transmit the original music signal as unchanged and neutral as possible. And AIR technology comes closer than ever to lossless transmission. It leads to significantly better sound reproduction, which is not only subjectively audible, but also objectively measurable. The insulation or dielectric of the AIR cables is almost perfect thanks to the air insulation and hardly influences the sound any more. The construction, dimensions and arrangement of the conductors are optimized and fully exploit what is physically feasible. In order to set another sonic highlight on this basis of audiophile perfection, the developers at in-akustik have now focused on the conductor material of the

cables. Copper of the appropriate purity is a very good conductor. A superconductor that does not resist the current would be perfect. However, the superconducting properties of the material require low temperatures of at least minus seventy degrees. Silver is currently the most conductive material under real conditions. At 61.35 S/m (Siemens per meter), its conductivity is about six percent better than that of copper. However, the precious metal is about 100 times more expensive. Theoretically, the copper cross-section could simply be increased. However, this would

## KEY-FEATURES

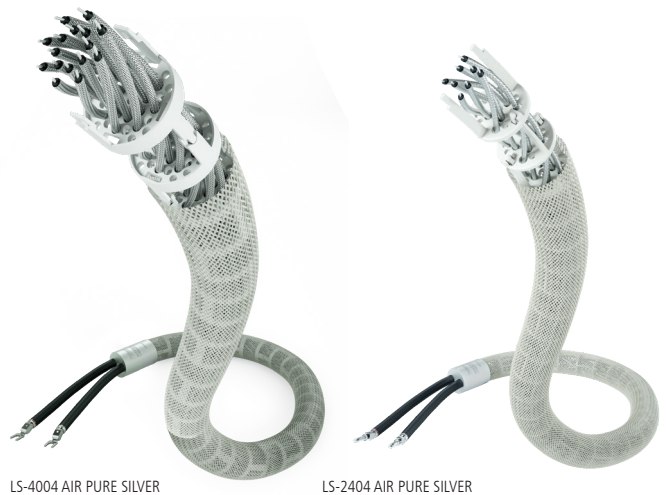
- Pure silver conductor
- AIR-Helix construction
- Air dielectric ensures extremely low capacitance
- 6-fold / 8-fold „Cross Link Super Speed“ waveguide (4004/2404)
- Double Layer Multicore
- Tellurium copper plug
- Rhodium-plated contacts
- Directly pressed plugs (1.5 T pressure!)
- Angle of connectors adjustable
- PE-Network Jacket against micro-vibrations
- BFA Banana and Spade plugs included in the set

require considerable compromises in cable construction, which would ultimately have a negative effect on the sound. That is why we have decided to deliberately disregard the costs and instead consistently expand the limits of what is feasible once again. The result is a combination of the legendary AIR Helix construction and the associated air insulation (the best possible dielectric in addition to the vacuum) with the best conductor material in the form of pure silver - instead of, for example, alloyed or merely silver-plated wires. The high quality sound of the outstanding AIR-Silver cables now sets new standards in the high-end sector.

AIR-HELIX CONSTRUCTION

The AIR Helix construction is absolutely unique. In order to come as close as possible to perfect air insulation, in-akustik has developed special clips. Inside the cable, a large number of these clips form the supporting framework, which keeps the signal conductors helically free in the air and guides them through the cable at a defined distance. The flexibility of this construction is achieved with the LS-4004 AIR PURE SILVER by joints in the clips.

Of course, the conductors themselves also play an important role. They consist of 24 high-purity silver wires braided onto a PE core. A wafer-thin varnish layer on the wires prevents eddy currents within this „Cross Link Super Speed“ waveguide. By far the largest currents in the entire audio chain flow through the loudspeaker cable. Some of the correspondingly strong magnetic fields are compensated in the conductors themselves by the bifilar arrangement of the wires. The wafer-thin lacquer layer additionally protects the wires from oxidation.



LS-4004 AIR PURE SILVER

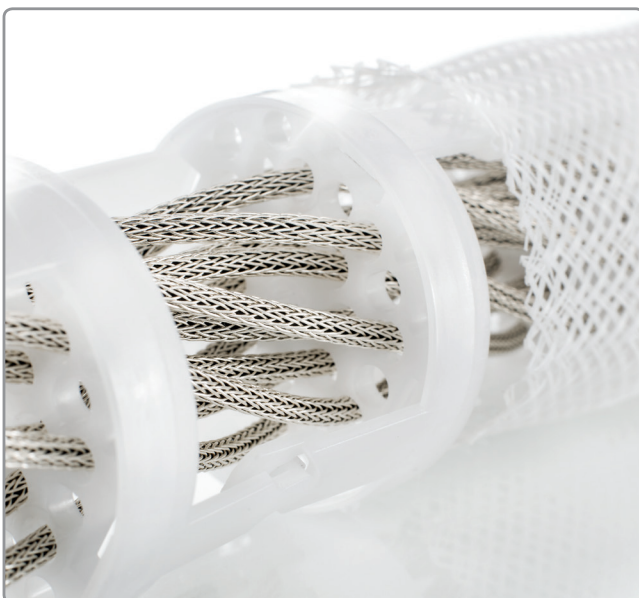
LS-2404 AIR PURE SILVER



The LS-4004 AIR PURE SILVER and LS-2404 AIR PURE SILVER are the optimal solution for the realization that loudspeaker cables should primarily have a low inductance: Due to the two-layer arrangement of the double layer multicore, the magnetic fields around the individual conductors overlap and neutralize each other. This considerably reduces the inductance of the cable and also the high audio frequencies are transported unhindered and without time delay.

ITEM-NO	VERSION	SRP
007712438	LS-2404 AIR PURE SILVER 2x3m SW	17.600 EUR
0077124381	LS-2404 AIR PURE SILVER 2x3m SBW	18.150 EUR
007714038	LS-4004 AIR PURE SILVER 2x3m SW	29.700 EUR
0077140381	LS-4004 AIR PURE SILVER 2x3m SBW	30.250 EUR

BFA Banana and Spade plugs included in the set



LS-4004 AIR PURE SILVER



LS-4004 AIR PURE SILVER

