



AR Sound GreenLink Hi-end RCA-DIN / DIN-RCA interconnect

The GreenLink delivers remarkable sound quality

- The GreenLink RCA-DIN5 connecting Non-Naim sources to Naim Amp
- The DIN5 to RCA version connecting Naim Cd players to Non-Naim Amp
- DIN4 to RCA version enable connection of Naim pre-amp to Non-Naim power Amp
- DIN5 to RCA output only- for Headphones Amps or Tapes (record only)
- XLR (male OR female) to DIN5 versions are also available

* All GreenLink interconnects are supplied now with the new NEUTRIK "PROFI" RCA connector

AR Sound GreenLink interconnect include an anti-resonant polymer within the DIN plugs.

This special high visco-elasticity polymer provides an airborne vibration isolation between the cable and the connected equipment (Pre-amp/Power-amp/Power supply). Another benefit of using this damping polymer is a reduction in the microphonicity of the DIN plug by controlling and lowering the resonance frequency of the plug.

What is microphonicity?: Music played in the room produces vibrations in the air and the interconnect, and the vibrating cable transforms this energy into an electric signal that interferes with and distorts the original music signal travelling from the music source to the amplifier. Lowering the distortion caused by a vibrating interconnect is overlooked by most manufacturers.

The visco-elastic polymer fills the internal air gap between the lead and the metal body of the DIN plug, damping any resonance or ringing in the metal plug and the cable, thus preventing it getting into and distorting the source music signal.

The result is better focus and resolution, with a more solid bass line and dynamic presentation.

Technology

The cable used to compose this special interconnect was selected carefully from many top quality cables being used in the aerospace industries in order to achieve the highest standards.

The AR Sound GreenLink use a low capacitance wire (115pF/meter). Low capacitance is an important factor in selecting a proper interconnect.

The GreenLink interconnect contains Green cable pair, each Green cable contains two 22 AWG copper alloy twisted pair wires with Teflon™ (PTFE) insulation and fully screened. (One Green cable for each channel. close up picture showing one of the two wires used for a single channel:)

The GreenLink use twin Green cable construction. The main pair of conductors in each Green cable twisted to further enhance RF rejection of the cable. first barrier avoiding RF noise from penetrating into the cable is the Silver plated OFC copper screen and the secondary treatment is the twisting of the internal pair.



The main pair of twisted conductors in each Green cable is made of a special, aerospace grade copper alloy carefully selected after extensive listening tests for its superb sonic qualities and durability. the copper alloy wire comprises a silver content which allows for better bonding to the silver solder used to make this superb interconnect.

The interconnect insulation is made of Teflon™ (PTFE), PTFE is the best insulation material used in the cables industry which has the lowest dielectric absorption.

Using Teflon™ (PTFE) as insulation is a prime consideration in Hi-End interconnects. Teflon maintains a low capacitance and very high resistance between the internal leads which keeps interaction between channels to minimum.

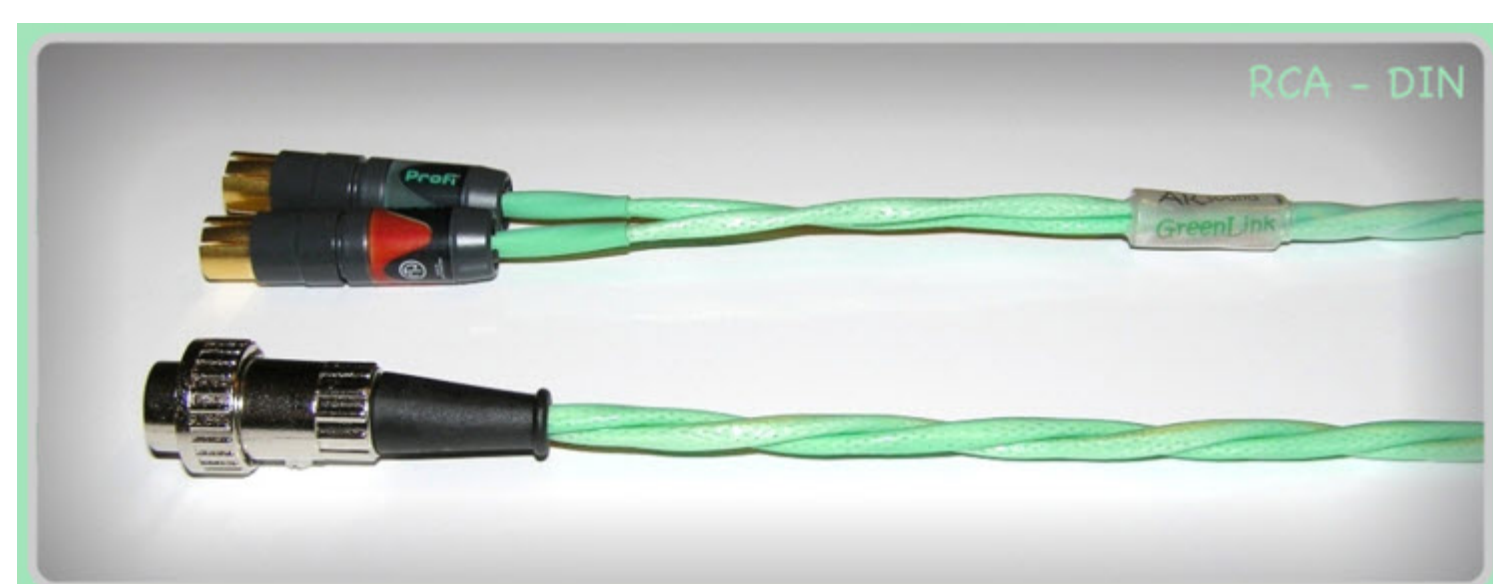
The low dielectric absorption of Teflon allow locating the main conductors in the Green cable in very tight configuration- which renders the Green very high bandwidth cable while maintaining a low capacitance. Yet another benefit is that Teflon also bonds very tightly to the metal conductors and prevents oxidation of the metal over the years. It is only the high cost of Teflon (PTFE) cables which leads manufactures to choose inferior plastics, such as PVC, as insulation.

Teflon is also highly durable- actually you can put the AR Sound GreenLink in the oven at 180 Celsius degrees and nothing will happens to the lead! - except to the rubber gourmet of the DIN connector.

The RCA connectors used are the top quality NEUTRIK™ PROFI, with Gold plated brass contacts and spring loaded earth contact prevents possible noise damage by making ground before signal and braking signal before ground.

The internal soldering pads of the NEUTRIK PROFI and the PREH DIN connector are silver plated and this ensures a perfect metal bonding in the solder joint between the copper-silver wire of the GreenLink, the silver plated connector soldering pads and the silver Solder.

Directionality mark is added at the source side with the logo "AR Sound GreenLink"



Sound Quality

The first thing you will notice is details you have missed before... It's like a curtain from the music that has removed.

The music details you will hear will flow effortlessly, in a natural manner, without any emphasis on any part of the audio frequency spectrum.

The bass region is clean, very fast and solid, free from distortion or time smears.

Superb sounding midrange frequencies and "sweet" vocals enable the listener to hear the correct phrasing and intonation.

The high frequencies are crystal clear, natural and glare free, while brass instruments sounds become devoid of the harsh metallic sound common in many other interconnects.

The GreenLink exhibits a correct sound stage and depth which enables to ear and perceive the correct spatial information of voices and instruments in the orchestra.

Technical specifications:

75/100/120 Centimetres of two Shielded twisted pairs - each one (each channel) contains two silvered copper alloy stranded wires.

(total of 0.84 mm square cut for each channel - 2 X 22AWG per Green or 4 X 22 AWG for GreenLink)

primary conductors Insulation: 1/16" PTFE.

Shield: silver plated OFC copper- for each Green (two separate shield for GreenLink).

Resistance: 24 milliohms/meter (7.3 milliohms/feet).

Capacitance: 112 pF/meter (hot to return for each channel).

Outside Diameter: 6 mm

External colour: Semi-transparent light green.