



AR Sound Yellow 1

Hi-end Din interconnect

The **Yellow 1** delivers remarkable sound quality with equipment that carries DIN sockets. This top quality signal interconnect is a perfect choice for more revealing presentation of music in hi-end audio systems.

The **Yellow 1** connecting CD players or other sources to Pre-Amp or integrated Amplifier.

DIN to DIN (5 pin 180 degree), 75/100/120 Cm length is offered- Custom lengths available by request.

AR Sound **Yellow 1** interconnect include an anti-resonant polymer within the DIN plugs and outside the DIN plug at the source end.

This special high visco-elasticity polymer provides an airborne vibration isolation between the cable, the CD player (or other source used) and the pre-amp. 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 vibrate the air and the interconnect, 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.

Technology

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

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

The **Yellow** cable contains two 22 AWG silvered copper alloy twisted pair wires with Teflon™

(PTFE) insulation and fully screened with. Actually a pure Copper conductors are not less good then silver conductors when they are new, The problem is that copper could not be used without oxidation over the years and plating the copper with silver done in order to slow down the deterioration of the copper wire. The silver content on the conductors ensures 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 **Yellow** cable in very tight configuration- which renders the **Yellow** 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 **Yellow** in the oven at 170 Celsius degrees and nothing will happens to the lead! - except to the rubber gourmet of the DIN connector.

Usually Teflon wires tend to have relatively long "Burn in" period, so it takes about 96 hours for the cable to sound at it best.

The **Yellow** is a light weight interconnect. While many manufacturers tend to sleeve their interconnects with a lot of rubber outside the conductors in order to keep its look more impressive, this cable's outside diameter is only 4.7mm but the signal conductors are 21AWG - 0.75 mm diameter.

The PREH DIN connector contacts are made of silver plated brass and this ensures a perfect metal bonding in the solder joint between the copper-silver wire of the **Yellow**, the silver plated connector pin and the CARDAS silver Solder.

The PREH DIN connector is filled and overlapped (source side) with a special anti-resonant polymer selected carefully after listening tests to many damping polymers added to the PREH DIN plugs.

Directionality marking is added at the source side with the logo "AR Sound **Yellow**"

Sound Quality

The first thing you will notice is details you have missed before. It's as though a curtain over the music has been removed.

The music details you will hear will flow effortlessly, in a natural manner, without any emphasis on the upper-mid frequencies like many "detailed" interconnects do.

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

Superb sounding Mid frequencies - crisp detailed "sweet" vocals enable the listener to follow the singer's words easily.

High frequencies are crystal clear and natural - without any glare. Brasses sounds become devoid of the harsh metallic sound common in many other interconnects. Woodwind instruments are presented with the correct tonal balance and timbre, showing the real sound texture of the wood and lacking the "Plastic" sonic texture of inferior interconnects.

The sound stage is wide and clear, with superb focus.

Technical specifications:

75/100/120 Centimetres of Shielded twisted pair, 19/34AWG silvered copper alloy primary conductors (total of 0.75 mm (1/32") diameter of signal pair conductors (21-22 AWG)).

primary conductors Insulation: 1/16" PTFE.

Shield: silver plated OFC copper (minimum coverage 94%).

Resistance: 52 milliohms/meter (15.8 milliohms/feet).

Capacitance: 125 pF/meter max (Hot to screen). 90 pF/meter max (between conductors)

Outside Diameter (nominal): 4.7 mm

External Jacket: Fiberglass Polyurethane impregnated external sleeve over FEP jacket.

External colour: Yellow.

