A new Interconnect Cable from DNM Design

DNM's new audio interconnect cable aims to give improved performance in Hi-Fi applications.

Named DNM Stereo Solid Core Interconnect, the cable builds on the original award-winning Mono Solid Core interconnect cable introduced in 1984.
Major advances in cable design since that time are built into the new cable. The classic DNM spaced pair design is retained but the magnetic performance has been further optimised and a careful balance of capacitance and inductance improves the sound quality of the cable and any amplifier connected to it.

The new DNM cable is semi-transparent with four high purity oxygen free copper conductors sheathed in colour coded insulation. It measures 15mm wide x 1.5mm thick and the small size contains a dual cable, carrying two channels in the ribbon. The stereo ribbon can easily be separated into the two channels and it is also designed for quick separation to fit the plugs.

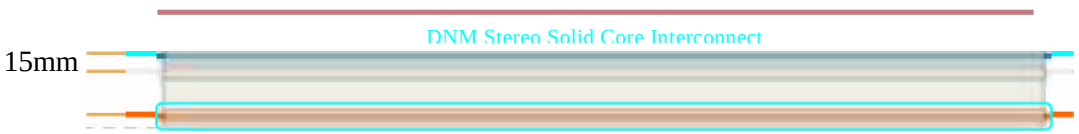
The UK retail pricing is £22.00 (inc. VAT) per stereo metre. For more information:-
http://www.dnm.co.uk/cables.html
Telephone & Fax:- +44 (0) 1480 457989

This cable can be purchased in the DNM Online shop together with suitable plugs; cables can be built by DNM Design also :
http://www.dnm.co.uk/acatalog/Cables.html

Also in this PDF :

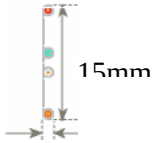
DNM Stereo Solid Core Interconnect - specifications

shown life size



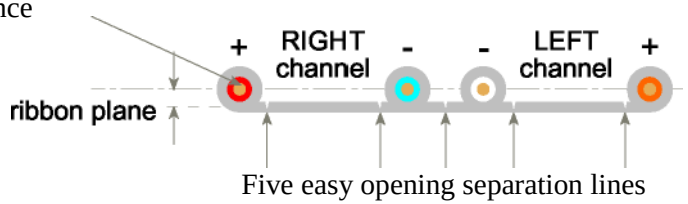
Directionality - cable print reads in signal direction

X section view shown life size



Four high purity OFC conductors located above ribbon plane, reduces system Q, dielectric effect and capacitance

X section shown 4 x life size



Specifications

conductor diameter 0.4mm
resistance 0.134 ohms/metre
capacitance 13.2pF/metre
inductance 1.33uH/metre
directionality-signal follows print read direction

Directionality of DNM Cables

All DNM cables are slightly directional. Before stripping DNM Stereo Solid Core Speaker or DNM Stereo interconnect cable please note the instructions below. In particular ensure the cable direction is correct when the plugs are not the same type at each end of the cable.

The cable direction should be arranged so that:-
The printed name reads in the same direction as the signal flow—ie. the signal source is at the start of the DNM name.

NB. Directionality is caused by an electrostatic charge imprinted during manufacture into the cable's insulation ribbon. As the charge dissipates over time an "incorrectly aligned" cable will gradually settle into its environment.

Preparing DNM Stereo Solid Core Interconnect Cable

(also see next page for Eichmann Bullet plug fitting instructions)

DNM Stereo Solid Core Interconnect cable has four conductors in one ribbon carrying two channels of signal. It can be easily separated into two ribbons, with two conductors in each, by separating the centre section of the main ribbon.
This is a one-way process, once separated it cannot be re-joined, so separate only as much as is needed. Take care to note the cable direction before separating the ribbon.
The ribbon will normally separate cleanly when pulled apart but if it does not, carefully assist the separation process with a sharp knife

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Fitting Eichmann phono plugs to DNM Cable

1. Cut back the centre ribbon about 15mm and check that you will be able to fit the cable into the plug so that the top of the screw-on cover will not reveal the separated cable.

2. DNM cable is slightly directional, so when the plugs are not the same type at each end, before soldering arrange the cable direction so that the signal flows in the same direction as the printed name reads.

3. Carefully strip the cable insulation so that about 3mm of copper is exposed and the best way of doing this is by heating the outer insulation, to avoid cutting into the thin copper. Tin the copper conductors.

4. **Before soldering the leads please note that it is best to insert the plug into a socket so that it is pre-stressed while the contacts are heated.** Ensure that the screw-on cover of the plug is fitted on the cable the right way round. At this stage do not worry about the black cable strain relief fittings—they can be fitted after.

5. **Take great care to apply only the minimum heat** when you solder the red coloured cable to the centre pin and the blue coloured cable to the outer connector of the plug. **Do to move or apply any force to the plug connectors after they have been soldered until they have fully cooled**, otherwise they may move in the plastic.

6. When everything has cooled loosen the single grub screw in the plug cap and then screw the cap onto the plug—do not overtighten.

7. Take the black strain relief fitting and break the strap on one side so that it can be fitted over the cable. Arrange the fitting so that the two halves come together to clamp the DNM ribbon cable as they slide into the back of the sleeve cap. Arrange that the half of the fitting with the part drilled hole in it engages with the grub screw in the cap. When correctly positioned slide the fitting fully in and tighten the screw.