

Black Rhodium re-launches Fusion



FUSION 13A-IEC

FUSION VS-1 13A-IEC

Black Rhodium proudly announces the re-launch of the Fusion mains power cables.

Fusion has been a very popular part of the Black Rhodium power cable range until a couple of years ago. Due to popular demand, we are re-introducing Fusion with improved performance and enhanced sound quality terminations following successful research developments on our other power cables.

High Current Rating up to 13 Amps

Fusion mains power cables employ 19 stranded cores of 0.3mm diameter silver plated copper wires, making it suitable not only for equipment with high current demands such as Class A amplifiers, but also for power distribution from the wall sockets to a whole music playing system.

Low Transient Phase Distortion through Innovative Design

Fusion mains power cables are designed for low 'Transient Phase Distortion' by increasing the thickness of the inner insulation to 0.8mm.

Fusion mains cables have been designed to give a very clear diction of a singer's voice and separates musical instruments superbly through a dramatic reduction of 'Transient Phase Distortion'.

'Transient Phase Distortion' is reduced by using thicker insulation than usual in cables, increasing the distance between conductors. This reduces the magnetic field seen in each conductor wire as a result of the

magnetic field created by the current in the other conductor wire. The benefit in listening is a clearer and more open sound quality.

Advanced Manufacturing Techniques to Reduce Noise and Distortion

Fusion mains power cables use three silver plated copper cores for positive and negative signal flows and earth. The positive and negative cores are connected in opposite directions. Experience shows that when cables are connected this way, the noise floor between the musical notes lowers. This gives 'blacker' silences in the interval between musical notes and enhances the reproduction of the musical edges and natural decays in music.

Silicone Rubber for Low Dielectric Absorption and Clearer Sound

Silicone rubber insulation is used because its low dielectric loss ensures extremely low distortion. This is due to dielectric absorption effects in which sound energy is absorbed in the insulation and released at a later interval of time to create highly audible time-smearing distortion.

High Quality Connectors for a Good Connection

Fusion Terminated Mains Power Cables are fitted with selected high quality connectors chosen for their robust manufacture and superior sound quality. Further measures are taken to reduce mechanical vibration and RFI in making the connection between cable and connector. This is a special feature of the new terminated Fusion power cables.

Vibration Stabiliser to Reduce Distortion

Each Fusion VS-1 13A-IEC is fitted with a Graham Nalty Legacy Range VS-1 Vibration Stabiliser. The Vibration Stabiliser has been specially designed to reduce audible cable distortion in cables by limiting the effects of vibrations travelling through the conductor wires which can cause audible distortion to your music.

The benefits of a tighter sound of the VS1 are enjoyed in all types of music, but in particular plucked strings such as double basses and harps are reproduced in a much sharper presentation as described in a recent review.

“a sense of greater spaciousness around each instrument that helps me to appreciate that the orchestra is composed of a number of individual instruments”

HI-FI CHOICE MAY 2015

Specifications of Fusion and Fusion VS1 mains power cables:

- Silver plated copper conductors for improved high frequency clarity
- 19 x 0.3mm diameter conductors with 13A power rating
- Low loss silicone rubber insulation for low dielectric absorption distortion
- 0.8mm insulation thickness to reduce ‘Proximity Effect’ magnetic field distortion
- Terminated cables include additional measures to reduce RFI and mechanical vibration distortion
- Distinctive yellow cable colour
- Cables can be supplied with Schuko plugs for Europe and UL plugs for USA
- Cables can also be supplied with C7 or C19 IEC sockets
- Vibration Stabiliser weight 155 g (VS-1 versions only)

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