

# **SUPRA® Cables**

MADE IN SWEDEN  
by JENVING TECHNOLOGY

## **SUPRA LoRad MkII**

Shielded mains flex 110–240VAC, 3x1.5mm<sup>2</sup> & 3x2.5mm<sup>2</sup>

LoRad means LOw RADiation and minimize both electrical and magnetic fields.

LoRad protects both from fields radiating from the cable and pick-up of surrounding noise fields, e.g. wireless and mobile phones, radio broadcasts, etc. LoRad MkII is a development of the Lorad concept, now with even improved shielding properties, flexibility, bend-resistance and strength.

The radiation is lowered by means of two techniques. First the shield minimizing the alternating electrical fields from the cable. It also minimizes the RF pick-up (Radio Frequency). The magnetic fields are cancelled by twisting the conductors in a short pitch.

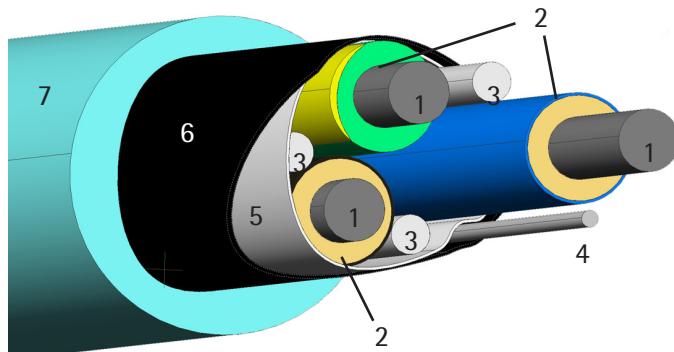
The benefits are cleaner sound, pronounced transients and an improved 3D soundstage. We also hear customers describe more detailed sound and we are not surprised. If your equipment is installed using SUPRA cables, the noise floor is generally suppressed by several dB, allowing more of the content to be revealed. Low radiating cables is also increasingly important from a health point of view. Science has proven that alternating magnetic fields affects cell growth.

The biggest differences between Lorad MkII and the old Lorad cable, is that it is now based on SUPRA's unique Nylon screen concept. Semiconducting Nylon Screen provides improved shielding properties, bending strength, environmental immunity, higher tensile strength and less microphonic effect. The Nylon screen is connected with a drain-wire. We have tested and evaluated all known types of screens for making such a good cable as possible. SUPRA's semi-conductive Nylon screen was the only one that passed the safety requirements and, moreover, its shielding properties was best in test. LoRad MkII is tested and certified by Intertek Sweden, meeting the European safety regulation HD21.5 S3.

### **Applications:**

- Hi-Fi and studios
- Medical equipment
- Laboratories
- EHS (electro hypersensitivity)
- Noise critical installations

! The cable must be connected to a wall socket with a ground terminal for the full LoRad effect.



### **Construction**

- 1) Wires 3x1.5mm<sup>2</sup> or 3x2.5mm<sup>2</sup>, Tin plated 320x0.10 OFC.
- 2) Dual layer PVC insulation. Green/Yellow, Blue & Brown.
- 3) Yarn fillers, 3 pcs.
- 4) Drain wire for screen connection. Ultra flexible, Tin plated 66x0.07 OFC.
- 5) Woven polyester tape. For armoring & insulation.
- 6) Woven Semi-conductive Nylon/Carbon tape.
- 7) PVC Jacket

