

## Product Safety Sheet for Supra Sword Excalibur Jumper Cables

Product Name: Supra SWORD 2X3.0 EXCALIBUR JUMPER CABLE

Manufacturer Information:

Name: Supra Cables / Jenving Technology AB

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### 1. Product Description

Product Type: High-performance screened loudspeaker jumper cable set for Hi-Fi and high-end audio systems, designed for transparent signal transfer between bi-wire compatible loudspeaker terminals.

Applications: High-fidelity speaker-level signal bridging in stereo and home audio systems. Optimised for demanding Hi-Fi installations where low inductance, phase stability, and minimal signal loss are essential for accurate and dynamic sound reproduction. Ideal for replacing standard metal jumper plates on bi-wire loudspeakers with a high-performance cable solution, including installations requiring improved shielding against RFI/EMI.

### 2. Safety Standards and Compliance

Relevant Directives and Standards:

- Low Voltage Directive (LVD) 2014/35/EU
- RoHS Directive 2011/65/EU
- General Product Safety Regulation (GPSR) 2023/988
- CE Marking: This product conforms to all applicable EU safety, health, and environmental protection standards and bears the CE marking.

### 3. Risk Assessment and Mitigation

Potential Hazards:

- Electrical Shock: Risk if the cables are damaged or improperly installed.
- Fire Hazard: Reduced compared to standard cables, but proper installation is required to maintain flame-retardant properties.
- Physical Damage: Risk of damage to the cables if subjected to excessive bending, crushing, or abrasion.

Mitigation Measures:

- Manufactured with tin-plated oxygen-free copper (OFC) for high conductivity and corrosion resistance
- Clearly marked for correct usage and cross-sectional area.

### 4. Technical Specifications

- Cable Type: SUPRA Sword Excalibur jumper cable set. Bifilar-wound litz conductor design with extremely low inductance and minimized skin effect for phase-stable audio transmission across the full audible frequency range, enhanced with high-performance shielding.
- Connector System: Equipped with Supra Combicon M6 connector system including interchangeable rhodium-plated banana/BFA connectors and spade connectors.
- Conductor Material: High-purity oxygen-free copper (OFC), individually lacquer-insulated litz strands.
- Purity: High-grade OFC for maximum conductivity and long-term signal integrity.
- Design: Bifilar-wound litz geometry with magnetic field cancellation for exceptionally low inductance and transparent signal transfer.

- Cross-section: 2 x 3.0 mm<sup>2</sup> / AWG 12.
- Insulation: Individually lacquer-insulated strands with durable PVC outer jacket.
- Shielding: 100% coverage aluminium/PET foil shielding combined with twisted bifilar conductor geometry for reduced electromagnetic and RFI interference.
- Termination: High-pressure crimped airtight connections between conductor and connector body for optimal conductivity and mechanical strength.
- Length: 25 cm
- Voltage rating: Speaker-level audio use
- Temperature range: -30°C to +70°C

## 5. Labeling and Traceability

Each product is labeled with:

- Product Name
- Serial/Batch Number
- Manufacturer Contact Information
- Meter Markings for length measurement
- CE Marking

## 6. Instructions for Safe Use

- Ensure the cable is suitable for the intended audio application and power requirements.
- Install according to local building and fire safety codes, particularly in public or commercial spaces.
- Avoid exceeding the cable's current-carrying capacity to prevent overheating.
- Inspect for physical damage before installation; do not use if the insulation is compromised.
- For in-wall or conduit installations, verify flame-retardant performance requirements.

## 7. Incident Management and Reporting

Post-Market Surveillance:

- Supra Cables monitors product performance and user feedback to identify potential safety issues.

Incident Reporting:

- In case of a safety issue, customers are encouraged to contact Supra Cables immediately.
- Incidents will be reported to relevant authorities via the EU Safety Business Gateway as required by GPSR.

## 8. Declaration of Conformity

Supra Cables declares that this product complies with the following directives and standards:

- CE, RoHS, REACH & CPR verified by Rise

## 9. Disposal Instructions

- Dispose of this product in accordance with local electronic waste disposal regulations.
- Do not discard with general household waste.

Signed by: Jörgen Wahlsberg

Date: 05/22/2026

