

Product Safety Sheet for Supra Sword Excalibur Combicon Cables

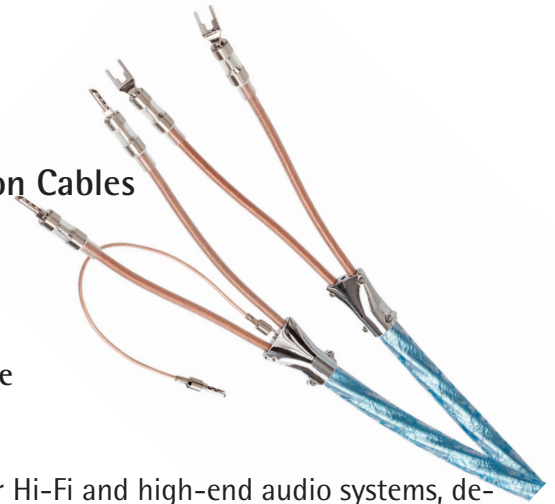
Product Name: Supra SWORD 2X3.0 EXCALIBUR COMBICON PAIR

Manufacturer Information:

Name: Supra Cables / Jenving Technology AB

Address: Bastbacka 112-113, 45991 Ljungskile, Sweden

Contact: Jörgen Wahlsberg, +46-522-698990, www.supracables.se



1. Product Description

Product Type: High-performance screened loudspeaker cable pair for Hi-Fi and high-end audio systems, designed for transparent signal transfer between amplifier and loudspeaker.

Applications: High-fidelity speaker-level signal transmission 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. Suitable for high-end amplifiers and loudspeakers in both short and long cable runs, 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 Combicon speaker cable pair. 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 mm² / 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.
- 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

