

Product Safety Sheet for XL Annorum Combicon Cables

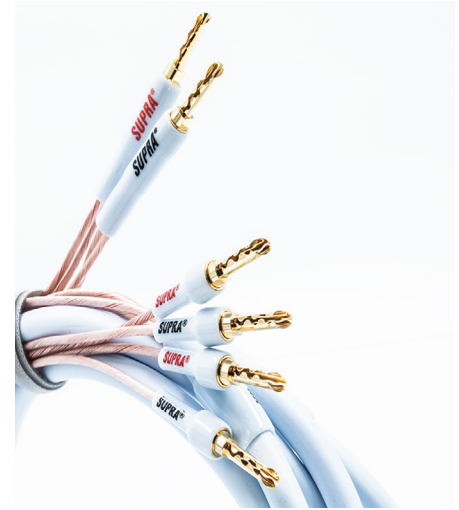
Product Name: SUPRA XL ANNORUM BI-WIRE COMBICON

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 loudspeaker cable (bi-wiring / bi-amping) for accurate, low-loss power transfer between amplifier and loudspeakers, designed for maximum signal integrity and low distortion.

Applications: High-quality speaker connections in hi-fi and home cinema systems, including bi-wiring and bi-amping configurations. Optimised for stable current delivery, low inductance transmission, and high immunity to external interference in demanding audio setups.

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 XL Annorum 4x1.6 Bi-Wire CombiCon
- Connector System: CombiCon modular system with interchangeable banana and spade terminations, M6-thread interface for flexible installation and secure mechanical contact.
- Conductor Material: High-purity 5N oxygen-free copper (OFC), multi-strand construction (12 strands per conductor) tightly wound around a central core for optimised current delivery and reduced skin effect.
- Purity: 5N high-grade oxygen-free copper for excellent conductivity and long-term stability.
- Design: Star Quad 4-conductor geometry (4 x 1.6 mm²) for very low inductance, improved noise rejection, and balanced electromagnetic field cancellation.
- Cross-section: 4 x 1.6 mm² / AWG 15 Star Quad configuration.
- Insulation: PP (polypropylene) dielectric for high chemical stability, low dielectric losses, and long-term material integrity.

- Shielding: No traditional shielding; noise immunity is achieved through Star Quad geometry and tightly controlled conductor layout, combined with a robust rubber-based outer jacket for reduced microphony.

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: 05/29/2026

