

Product Safety Sheet for Supra QUADRAX BI-AMP COMBICON Cable

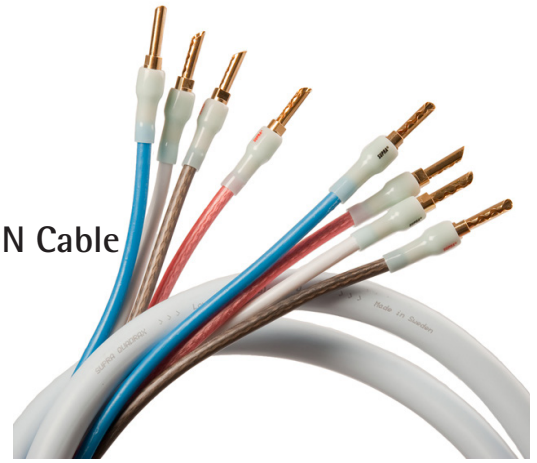
Product Name: Supra QUADRAX 2X4.0MM BI-AMP COMBICON

Manufacturer Information:

Name: Supra Cables / Jenving Technology AB

Address: Bastebacka 112-113, 45991 Ljungskile, Sweden

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



1. Product Description

Product Type: High-end stereo speaker cable (2 x 4.0 mm²) with Star Quad tubular conductor geometry, designed for ultra-low inductance, minimal signal loss, and high-current audio signal transmission between power amplifiers and loudspeakers.

Applications:

Designed for high-fidelity and audiophile speaker-level signal transfer. Suitable for connecting power amplifiers to loudspeakers in hi-fi, home audio, and home cinema systems where low inductance, low capacitance, and reduced RF interference are critical for transparent sound reproduction. Compatible with systems using banana plugs or spade connectors via the Supra CombiCon interchangeable termination system.

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 Quadrax 2 x 4.0/S shielded speaker cable (Star Quad tubular conductor geometry with overall shielding)
- Connector System: Supra CombiCon interchangeable termination system (banana plugs/BFA or spade connectors)
- Conductor Material: High-purity oxygen-free copper (OFC), tin-plated for improved long-term contact stability and corrosion resistance
- Purity: 5N (99.999% copper)

- Conductor Design: Star Quad tubular conductor geometry with four individually insulated conductors arranged for ultra-low inductance and improved noise rejection
- Conductor Cross-Section: 2 x 4.0 mm² (AWG 11 equivalent)
- Insulation Material: Polypropylene (PP) conductor insulation with mechanically stable PVC GA78 outer jacket
- Shielding: Overall braided shield with dedicated drain wire for grounding connection at amplifier side, reducing RF and EMI interference
- Rated Voltage: < 500 V
- 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: 05/13/2026

