

Product Safety Sheet for Supra USB 2.0 Cable

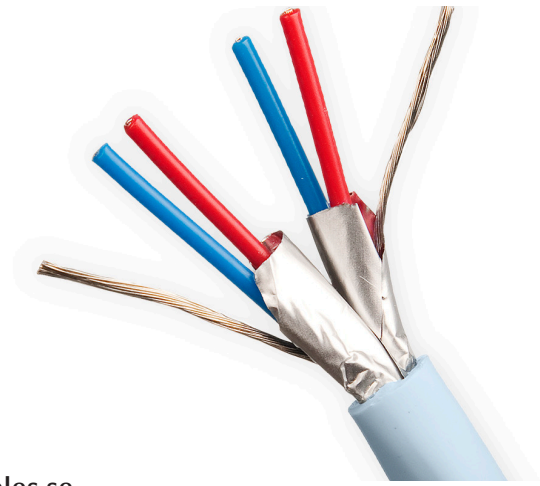
Product Name: Supra USB 2.0 Cable

Manufacturer Information: Supra Cables

Name: Supra Cables / Jenving Technology AB

Address: Bastebacka 112-113, 45991 Ljungskile, Sweden

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1. Product Description

High-performance USB 2.0 data and power cable supplied on a 300 m bobbin for cable assemblies and professional wiring applications. Designed for stable, low-noise digital signal transmission and reliable USB power delivery.

Applications: Intended for connecting computers, audio devices, peripherals, DACs, printers, external storage, and other USB-compatible equipment in home, professional, and office environments.

Form factor:

- Raw cable only (no connectors attached)
- Supplied on a 300 m bobbin for flexible assembly

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 applicable EU safety, health, and environmental protection requirements and bears the CE marking where required.

3. Risk Assessment and Mitigation

Potential Hazards:

- Electrical Shock: Low risk during normal operation; increased risk if insulation is damaged.
- Overheating: Potential risk if used with non-compliant devices or subjected to excessive current beyond USB 2.0 specifications.
- Physical Damage: Risk of conductor or shielding damage if the cable is excessively bent, pulled, crushed, or abraded.
- Signal Degradation: Possible data errors if the cable is damaged or improperly installed.

Mitigation Measures:

- High-purity oxygen-free copper (OFC) conductors ensure low resistance and stable signal transmission.
- Multi-layer shielding minimizes electromagnetic interference (EMI/RFI).
- Durable PVC outer insulation provides resistance to wear, aging, and mechanical stress.
- Proper handling of cable during assembly avoids mechanical damage.

4. Technical Specifications

- Conductor Material: Tin-plated oxygen-free copper (OFC)
- Purity: 5N (99.999% pure copper)
- Cross-Sectional Area: 2×1.6 mm² (AWG 15)
- Insulation Material: Heat and age-resistant PVC
- Rated Voltage: 80V

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 appropriate for the intended audio application and power requirements.
- Do not exceed the cable's specified voltage capacity to prevent overheating.
- Avoid sharp bends, twisting, or mechanical stress that could damage the cable.
- Inspect the cable for any signs of damage before installation; do not use if the insulation or conductors are compromised.
- Install in accordance with local electrical codes and regulations.

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

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: 2026-02-25

