



## Product Safety Sheet for Supra USB 2.0 Excalibur

**Product Name:** Supra USB 2.0 Excalibur A-B

**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 designed for stable, low-noise digital signal transmission and reliable power delivery.

**Applications:** Intended for connecting computers to USB-B equipped devices such as DACs, printers, audio interfaces, external storage devices, and other USB 2.0 compatible peripherals in home, professional, and office environments.

### 2. Safety Standards and Compliance

Relevant Directives and Standards:

- Low Voltage Directive (LVD) 2014/35/EU (where applicable)
- Electromagnetic Compatibility Directive (EMC) 2014/30/EU
- RoHS Directive 2011/65/EU
- REACH Regulation (EC) No 1907/2006
- General Product Safety Regulation (GPSR) (EU) 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 or connectors are damaged.
- **Overheating:** Potential risk if used with non-compliant devices or subjected to excessive current beyond USB 2.0 specifications.
- **Physical Damage:** Risk of internal 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 copper conductors ensure low resistance and stable signal transmission.
- Advanced multi-layer shielding minimizes electromagnetic interference (EMI/RFI).
- Robust outer insulation provides resistance to wear, aging, and mechanical stress.
- Precision-manufactured connectors ensure secure contact and long-term reliability.

### 4. Technical Specifications

- **Maximum Data Rate:** Up to 480 Mbps

- Rated Voltage: 5 V DC (USB standard)
- Maximum Current: Up to 500 mA (USB 2.0 specification, device dependent)
- Conductor Material: High-purity copper
- Shielding: Multi-layer shielding for noise and interference reduction
- Insulation Material: Durable PVC or equivalent polymer
- Connector Plating: Corrosion-resistant metal contacts

## 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

- Use only with USB-compatible devices and ports.
- Do not exceed the power or current limits specified by the connected equipment.
- Avoid sharp bends, excessive tension, or twisting of the cable.
- Always disconnect by gripping the connector housing, not the cable.
- Do not use the cable if insulation, connectors, or strain reliefs are damaged.
- Keep away from heat sources, moisture, and liquids.
- Intended for indoor use unless otherwise stated.

## 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.

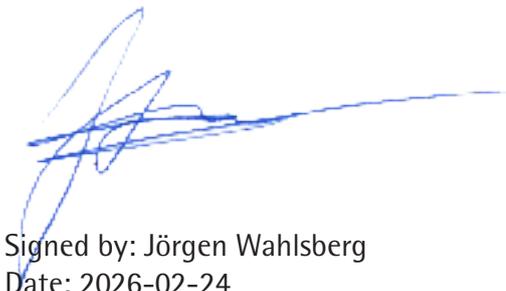
## 8. Declaration of Conformity

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: 2026-02-24

