

Product Safety Sheet for Supra DVI/H FRHF CABLE

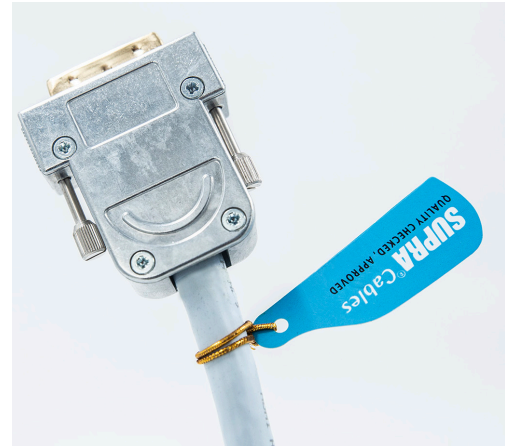
Product Name: Supra DVI-DVI/H SINGLE LINK FRHF

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-quality DVI-DVI Single Link FRHF digital video cable designed for reliable high-resolution signal transmission between computers, displays, projectors and other DVI-compatible devices, with enhanced fire safety and environmental compliance.

Applications: This cable is intended for digital video signal transfer in professional and public AV installations. Suitable for connecting computers, graphics cards, monitors, projectors and display systems requiring Single Link DVI performance up to WUXGA resolution, especially in environments with strict fire safety requirements.

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
- Halogen-free insulation reduces toxic smoke and fumes in case of fire.
- Flame-retardant (FRHF) properties comply with EN 60332-1 and EN 50575 standards.
- Clearly marked for correct usage and cross-sectional area.

4. Technical Specifications

- Cable Type: SUPRA UHD4 DVI-D Single Link FRHF digital video cable
- Connector Type: DVI-D 18+1 male to DVI-D 18+1 male
- Conductor Material: 5N oxygen-free copper (OFC)
- Conductor Cross-Section: approx. 0.25 mm² / AWG 24
- Conductor Insulation: Air-injected PE foam for low capacitance and stable signal velocity

- Shielding: Triple shielding (individually screened twisted pairs + aluminized foil + copper braid) for strong EMI/RFI protection
- Connector Housing: Fully shielded aluminum housing
- Connector Plating: 24K gold plated contacts for stable, long-life connection quality
- Cable Diameter: approx. 9.5 mm
- Jacket Material: Flame retardant, halogen-free FRHF compound (low smoke, low toxicity)
- Colour: Ice Blue (FRHF series)

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: 05/07/2026

