



PREMIUM HDMI AOC CABLE HDMI-KABBST40M/50M

Art.nr. 380-002 / 380-003

Short Description

High-performance HDMI 2.1 Active Optical Cable (AOC), designed for ultra-long distance transmission without signal loss. Supports 8K Ultra HD resolution and high refresh rates, making it ideal for professional AV, high-end home cinema and demanding data-intensive applications. Equipped with fiber-optic technology, metal HDMI connectors and advanced EMI immunity for stable and interference-free performance.

Properties

- **Cable Type:** HDMI AOC (Active Optical Cable) AM - AM
- **HDMI Version:** HDMI 2.1
- **Resolution Support:** Up to 8K
- **Bandwidth:** Up to 48 Gbps
- **Transmission Technology:** Fiber optic + copper hybrid
- **Ethernet Channel:** Supported
- **Connector Type:** HDMI Type A, gold-plated
- **Connector Housing:** Metal (gunmetal alloy)
- **EMI Immunity:** Excellent - fiber optic signal transmission
- **Standards Compliance:** HDMI 2.1 specification
- **Environmental Compliance:** RoHS 2.0

Mechanical specifications

- **Cable Length:** 40 m
- **Cable Diameter:** Ø 4.8 mm ±0.1
- **Cable Construction:**
 - Fiber optic core for high-speed data
 - Copper conductors for power and control
- **Outer Jacket:** Black PVC with braided mesh sleeve
- **Connector Housing:** Upper & lower alloy housing, gunmetal finish
- **Strain Relief:** Integrated SR / tail clip
- **Dust Protection:** Transparent dust caps on connectors
- **Installation Type:** Indoor use

Electrical & Functional Testing

- **100% Electrical Testing:** Open circuit, short circuit & intermittent contact
- **Insulation Resistance:** ≥ 5 MΩ @ 300V DC
- **Conduction Resistance:** ≤ 20 Ω
- **Performance Test:** Verified 8K transmission between source and display devices

Variations

ART. NR	NAME	DESCRIPTION
380-002	HDMI-KABBST40M	Premium HDMI AOC connection cable 40 m, 8K, HDMI 2.1 with Ethernet, metal connectors
380-003	HDMI-KABBST50M	Premium HDMI AOC connection cable 50 m, 8K, HDMI 2.1 with Ethernet, metal connectors



Connecting with quality!