



18GBPS ACTIVE OPTICAL (AOC) HDMI FIBER CABLE, 50 METER

AC2F50-BK | [On-Q](#)

FEATURES & BENEFITS

The Active Optical (AOC) HDMI Fiber Cables support full 4K UltraHD and High Dynamic Range (HDR) video in applications up to 75 meters. These cables use an active chipset to boost performance over longer distances, ensuring the full 18Gpbs bandwidth with no signal loss.

Constructed of plastic optical fiber, the AOC Cables are more flexible than traditional long-length cables, making them easier to pull in the wall or run around tight corners. They're solely powered by the source device, so they don't require an external power adapter – saving space and money.

To reduce installation error, these directional cables feature color-coded cable heads which make it easy to discern the Display end from the Source end.

Additionally, the AOC HDMI Fiber Cables feature enhanced retention clips on the connector head. These small dimples keep the cable firmly in place and require 4.5lbs of pulling force to remove. This ensures the most secure connection points, maximizing signal integrity and reducing cable-related service calls.



- Supports: 18.2Gbps bandwidth, Ultra HD - 4K@60Hz 4:4:4. High Dynamic Range (HDR), Deep Color, ARC
- Available in lengths from 10 to 75 meters
- Constructed of plastic optical fiber for added flexibility, making them easier to pull in the wall or run around tight corners
- Enhanced retention clips keep the cable firmly in place, requiring 4.5lbs of pulling force to remove
- Directional cable features color-coded cable ends to easily discern Display end from the Source end

- Solely powered by the source device - do not require external power adapter
 - Rated: UL plenum, CMP
 - Ideal applications: commercial AV installations, such as conference rooms, sports bars, or classrooms
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SPECIFICATIONS

GENERAL INFO

Color: Black

Color Cable Jacket: Black

Termination: 19 Pin to 19 Pin

LISTING AGENCIES/THIRD PARTY CERTIFICATIONS

RoHS: Yes

DIMENSIONS

Primary Packaging Weight (Metric): 1.1kg

Product Weight (Metric): 0.9kg

Product Weight (US): 1.9lbs

CORD INFORMATION

Connector Type End One: Type A (Full Size HDMI)

Connector Type End Two: Type A (Full Size HDMI)

Cord Length Metric: 50 m

Cord Length US: 164.0'

TECHNICAL INFORMATION

Jack Connectors: 24K Gold plated connector

Performance Rating: 4K x 2K resolution supported

Wire Gauge: Copper 30AWG, POF 60um