

DESCRIPTION

Designed for Pro-AV and large-system installations, this HDMI 2.1a active optical cable delivers up to 48 Gbps and supports 8K/60 Hz and 4K/120 Hz video. Its hybrid construction uses OM3 multimode fiber for high-speed audio and video signals and copper conductors for control and power. The slim CMP/Plenum-rated cable resists EMI/RFI, simplifies conduit installation, and operates directly from the HDMI source without an external power supply.



SPECIFICATIONS

Transmission Standard	HDMI 2.1a (Ultra High Speed HDMI)
Maximum Bandwidth	48 Gbps (12 Gbps x 4 lanes)
Maximum Resolution	7680 x 4320 @ 60 Hz; 3840 x 2160 @ 120 Hz
Color Depth / Sampling	8/10/12-bit; 4:4:4, 4:2:2, 4:2:0
HDR / Audio	Dynamic HDR, Dolby Vision, HDR10+, HLG; eARC
HDCP / CEC	HDCP 2.3/2.2/1.4; CEC 2.0; EDID pass-through
Cable Construction	4-core OM3 multimode fiber + 7-core tinned copper
Connector	HDMI Type-A male, gold-plated; directional Source end
Cable OD / Bend Radius	4.7 mm / minimum 20 mm
Fire Rating	Plenum, UL 910, NEC CMP

ORDERING INFORMATION

ORDERING NUMBER	CABLE LENGTH
AOC-HD21-15M	15 m
AOC-HD21-20M	20 m
AOC-HD21-25M	25 m
AOC-HD21-30M	30 m
AOC-HD21-40M	40 m