



KRAMER

CRS-AOCH/CLR/60

Rental & Staging Active Optical 4K
High-Speed HDMI Cable

| HDMI | 4K/60 UHD (4:2:0) | 4K/60 UHD (4:4:4)



CRS-AOCH/CLR/60 is an active optical HDMI cable for 4K@60Hz (4:4:4) resolutions over distances up to 100m (328ft). Built with a TPU-rated (thermoplastic polyurethane) jacket that has excellent abrasion resistance, tensile strength and high tear resistance, this cable can withstand the most demanding conditions in rental, staging and production setups. And it is thinner, lighter and more flexible than copper cables. CRS-AOCH/CLR/60 includes transparent EDID, HDCP, and HBR support and reduced risk of EMI and RFI interference for critical AV installations. The cable's HDMI ends are color coded (green for source and red for display) to prevent installation errors. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates, additional patch cables, or coupling devices

FEATURES

Max. Resolution - 4K@60Hz (4:4:4), 8-bit, full HD, 3D Deep Color across all lengths

Max. Data Rate - 18Gbps

Embedded Audio - PCM 8-channel, Dolby Digital True HD and DTS-HD Master Audio

HDMI Support - HDCP 2.2, HDR, EDID and CEC

High-Quality Connectors - 24K gold-plated, corrosion-resistant and best possible connectivity

EMI & RFI Immunity

No External Power - Active units are powered via the HDMI connector

Thin Construction - 4.5mm (0.18") diameter

Jacket Construction - TPU (Thermoplastic Polyurethane)

RoHS 2011/65/EU Compliant

Varied Selection of Lengths - Available in versions from 10m to 100m (33 to 328ft)



TECHNICAL SPECIFICATIONS

Inputs	HDMI: On a Male HDMI type-A 24K gold plated connector with green case
Outputs	HDMI: On a Male HDMI type-A 24K gold plated connector with red case
OVERALL	General: Hybrid Optical Fiber Cable Fiber Optic: Multi-mode Fiber Conductors: 6x28AWG (7/0.127mm)
MECHANICAL	Bending Radius: 90mm Connector Max. Pulling Strength: 22lbs/10kg Max. Compression Load Resistance: 500N (50kg, 110lbs)
JACKET	Material: C TPU (Thermoplastic Polyurethane) Color: Black Diameter: 4.5mm
Video	Max. Resolution: 4K@60Hz 4:4:4 across all lengths Max. Data Rate: 18 Gbps Supported Color Spaces: RGB, YCbCr, xvYCC, Adobe sRGB, sYCC601 Embedded Audio: Dolby Digital Plus, Dolby TrueHD, DTS-HD Master Audio™, DVD Audio, SA-CD HDMI Support: HDCP 2.2, HDR, EDID and CEC
Power	No external power supply is needed (draws current from the source). If source power is not sufficient, connect the AD-HM/HF/UAM – USB to HDMI power injector to an external power supply Consumption: 0.65W max
STANDARDS COMPLIANCE	RoHS: 2011/65/ EU





CONFIGURATIONS

CRS-AOCH/CLR/60-33	Rental & Staging Active Optical High-Speed HDMI Cable. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CRS-AOCH/CLR/60-50	Rental & Staging Active Optical High-Speed HDMI Cable. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CRS-AOCH/CLR/60-66	Rental & Staging Active Optical High-Speed HDMI Cable. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CRS-AOCH/CLR/60-98	Rental & Staging Active Optical High-Speed HDMI Cable. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CRS-AOCH/CLR/60-131	Rental & Staging Active Optical High-Speed HDMI Cable. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CRS-AOCH/CLR/60-164	Rental & Staging Active Optical High-Speed HDMI Cable. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CRS-AOCH/CLR/60-197	Rental & Staging Active Optical High-Speed HDMI Cable. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CRS-AOCH/CLR/60-230	Rental & Staging Active Optical High-Speed HDMI Cable. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CRS-AOCH/CLR/60-262	Rental & Staging Active Optical High-Speed HDMI Cable. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CRS-AOCH/CLR/60-295	Rental & Staging Active Optical High-Speed HDMI Cable. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices
CRS-AOCH/CLR/60-328	Rental & Staging Active Optical High-Speed HDMI Cable. CABLE INSTALLATION NOTE: These cables are recommended for point-to-point application use only. Not to be used with wall plates^ additional patch cables^ or coupling devices