



KRAMER

CRS-AOCH/COLOR

Rental & Staging Active Optical High-Speed
HDMI Cable

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



Kramer's CRS-AOCH/COLOR is an active optical HDMI cable for 4K@60Hz (4:2:0) and 4K@30Hz (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/COLOR includes transparent EDID and HDCP 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

FEATURES

Max. Resolution - 4K@60Hz (4:2:0), 4K@30Hz (4:4:4), 8-bit, full HD, 3D Deep Color across all lengths

Max. Data Rate - 10.2Gbps

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

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) per IEC 60794-1-21 E2A

RoHS 2011/65/EU Compliant

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



TECHNICAL SPECIFICATIONS

Resolution	4K @60Hz (4:2:0), 4K@30Hz (4:4:4), 8Bit, full HD, 3D Deep Color
Max. Data Rate	10.2 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, EDID, CEC
HDMI Connector	On a male HDMI Type A, 24K gold-plated with a green shell
HDMI Connector	On a male HDMI Type A, 24K gold-plated with a red shell
Cable Structure	Hybrid Optical Fiber Cable
Fiber Optic	Multi-mode fiber
Conductors	6x28AWG (7/0.127mm)
Outer Sheath Material	TPU (Thermoplastic Polyurethane) per IEC 60794-1-21 E2A
Outer Sheath Color	Black
Outer Sheath Diameter	4.5mm
Cable Bending Radius	90mm
Connector Max. Pulling Strength	15lb
Max. Compression Load Resistance	500N (50kg, 110lbs)ad Resistance
Supply	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 source
Consumption	0.25W max
Operating Temperature	+32°F – 122°F (0°C – 50°C)
Storage Temperature	-30°F – 70°F (-1°C – 21°C)
Operating Humidity	5 – 85%
Environmental	2011/65/ EU
TPU	IEC 60794-1-21 E2A



KRAMER

CONFIGURATIONS

CRS-AOCH/COLOR-50	Rental & Staging Active Optical High-Speed HDMI Cable
CRS-AOCH/COLOR-66	Rental & Staging Active Optical High-Speed HDMI Cable
CRS-AOCH/COLOR-98	Rental & Staging Active Optical High-Speed HDMI Cable
CRS-AOCH/COLOR-131	Rental & Staging Active Optical High-Speed HDMI Cable
CRS-AOCH/COLOR-164	Rental & Staging Active Optical High-Speed HDMI Cable
CRS-AOCH/COLOR-197	Rental & Staging Active Optical High-Speed HDMI Cable
CRS-AOCH/COLOR-230	Rental & Staging Active Optical High-Speed HDMI Cable
CRS-AOCH/COLOR-262	Rental & Staging Active Optical High-Speed HDMI Cable
CRS-AOCH/COLOR-295	Rental & Staging Active Optical High-Speed HDMI Cable
CRS-AOCH/COLOR-328	Rental & Staging Active Optical High-Speed HDMI Cable
