



CHD-JAV4K-DE*

18 Gbps 4K Javelin Active Plenum
HDMI Cable w/ Detachable Ends



FEATURES

- Supports a wide range of resolutions up to 4K@60Hz (color space 4:4:4) 3D and Deep color
- Supports 18Gbps Maximum Data Rate
- Supports Multi-channel audio, Dolby True HD, DTS-HD Master Audio
- HDMI compliant: EDID, CEC, HDCP (2.2), HDR (High Dynamic Range)
- Reduced EMI and RFI
- High pulling strength and compression load

DESCRIPTION

Our new Javelin™ 18Gbps 4K plenum-rated active fiber optic HDMI cable is engineered to be versatile to any application and installation. It supports 18Gbps while maintaining a lightweight and flexible design. Currently the cable is available at lengths of 10, 25, 30, 50, 75 and 100 meters (33, 75, 100, 150, 200 and 333 ft). Replace * in part number with length in meter, for example CHD-JAV4K-DE15 is 15 meters long. The cable ships with detachable HDMI connectors so it is ready for connection to your video equipment, but users can purchase extra DVI detachable ends allowing for DVI-to-HDMI or DVI-to-DVI configurations using the same cable. A pulling capsule with eyelet is provided in each package to aid with pulling. The capsule snaps onto the proprietary connector at the cable's end. The plug-n-play cable requires no external power supply. Power is drawn from the 5v signal pin of the source HDMI output. The cable draws less than 0.25w of power from the source. The Javelin™ 4K Plenum-rated cable can be used as a regular HDMI cable but without the worry of boosters or equalizers; being Plenum rated, also makes it possible to be used in any installation environment. Applications include home theater, conference rooms, schools, airports, hospitals, and more.



Input:	Micro HDMI connector (Proprietary pinout, do not plug to micro HDMI device)
Output:	Micro HDMI connector (Proprietary pinout, do not plug to micro HDMI device)
Video Standards:	All Single Link DVI and HDMI resolutions upto 3840x2160 @ 30 (4K UHD), Supports Deep color, xvYCC Color
Bandwidth:	10.2 Gbps max (or channel rate of 3.4 Gbps max)
AUX Data:	Supports DDC for HDCP and EDID, CEC
Audio Standards:	Supports PCM, Dolby, True HD, DTS-HD
Supply Voltage:	Powered from HDMI 5v pin 18. Nominal: 5v (operating range: 4.8v ~ 5.3 v) Damage will occur if 5v input is greater than 6v
Supply Current:	Nominal: 40 ma, max: 47 ma
Power Consumption:	Nominal: 0.23 watts (range: 0.2w ~ 0.25w)
Grade:	Plenum CMP-OF (UL) & LSZH
Color:	Gray
Cross Section:	5mm x 3mm (0.20 inch x 0.12 inch)
Bend Radius:	6mm (0.25 inch) minimum
Connector Pull Strength:	6mm (0.25 inch) minimum CAUTION DAMAGE DUE TO CONNECTOR BEING PULLED HARDER THAN 20 kg, IS NOT COVERED BY WARRANTY To pull cable through conduits or tight spaces, never grab the connector, as it is easy to exceed the force limit on the connector, instead, remove the detachable end, protect the connector using a cable pulling sock and make sure the force is applied directly to the cable jacket.
Connector Housing Dimensions:	Without the HDMI metal plug or strain relief: 1.45 inch x 0.48 inch x 0.32 inch (36.83mm x 12.26mm x 8.03 mm) Total length including HDMI plug and Strain relief: 2.77 inch
Temp./Humidity:	Storage: -4 to +158 °F (-20 to +70 °C) / 5% to 90%, non-condensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 85%, non-condensing
Regulatory:	CE
EMI/EMC:	CE, FCC Class A