

DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

HDMI Distribution Amplifier: Part Number: 60-998-01 - OR Equal Brand in accordance with the follow specifications:

- A. Provide distribution and amplification of digital video and embedded digital audio signals that shall support one input and four equalized outputs
 - a. Distribution amplifier for HDMI and embedded digital audio
 - i. Support for local device connection
 - ii. Supports HDTV 1080p/60 and computer-video resolutions to 1920x1200
 - iii. Supports HDMI specifications including data rates to 6.75 Gbps, Deep Color (12-bits), and HD Lossless Audio
 - iv. Provide automatic input cable equalization to 50 feet (15.2 meters) at 1080p @ 60 Hz with 8-bit color
 - v. Provide +5 VDC, 250 mA power on each output
 - vi. Provide automatic management of color bit depth based on the capabilities of the connected display, as reported by the display's EDID
 - vii. Provide automatic reformatting of HDMI source signals when routed to a DVI display
 - viii. Provide automatic EDID management between connected devices
 - 1. Shall provide user-selection of EDID from any connected display
 - 2. Shall provide user-selection of EDID from pre-stored data files
 - 3. Shall maintain continuous EDID communication with the connected source
 - ix. Device shall be housed in a rack-mountable metal enclosure
 - x. Device shall be equipped with an external, universal AC power supply capable of supporting 100 - 240 VAC, 50/60 Hz power