



DV100-1526-100 HDMI/DVI CABLE

HDMI (High Definition Multimedia Interface) is a compact audio/video interface for transmitting uncompressed digital data. It allows the transmission of crystal clear, high definition video display and high resolution audio over a *single* cable rather than using several Radio Frequency (RF) or composite cables. HDMI provides connectivity of a variety of IFE equipment, such as TV monitors, DVD players, Blu-Ray disc players, laptops and video games.

HDMI is electrically compatible with the signals used by Digital Video Interface (DVI), so no signal conversion is necessary. This simplifies cabling and provides the highest quality audio/video experience on an aircraft.

This cable is skydrol resistant, ROHS compliant, meets FAR Part 23 and 25 Appendix F burn testing, and complies with MIL-C-17 specifications.



PHYSICAL AND ELECTRICAL PROPERTIES

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|-------------------------------|---|
| Jacket: | Opaque Green Fluorinated ethylene propylene (FEP) |
| Outer Diameter (OD): | .287" (7.29mm) |
| Impedance: | 100 Ohms |
| Attenuation @ 100ft (30.48m): | 15dB @ 300MHz 36dB @ 1.6GHz 59dB @ 4.126GHz |
| Weight per 100ft (30.48m): | 5.7lbs (2.59kg) |
| Operating temperature: | -50°C to +150°C |
| Capacitance: | 13pF/ft |

DESIGN PROPERTIES

FAR part 25.869, appendix F, part I (a), (3) for burn
Skydrol resistant

CONNECTORS AND TOOLING

Assemblies with DVI or HDMI connectors are available.

HDMI-A-1 -HDMI connector

DVIM1 DVI connector

All values nominal.

COAXIAL CABLE

EMTEQ proudly offers two families of coaxial cables including low smoke, zero halogen, aircraft grade polyethylene and high temperature polytetrafluoroethylene. These designs meet or exceed FAA and OEM requirements. For more information about our coaxial and specialty cable offerings, visit www.emteq.com or call your EMTEQ sales representative.



RF Coaxial Cables

VALUE-ADDED CAPABILITIES

ENSURING COMPREHENSIVE SOLUTIONS AND SUPPORT FOR YOUR PROGRAM'S SUCCESS.

- Project and program management including on-site engineering support
- On-site technical support, 24-hour AOG support, and installation services
- In-house FAA DER, DAR, DMIR, and PMA certification expertise; FAA consulting services including DER major alteration approval
- Product development, design, testing and analytical services
- FAA and EASA STC development and design data package development with FAA Partnership for Safety Plan and sales/local authority certification approval coordination
- FAA and EASA approved structural repair development
- Transport Canada Aeronautical Products Manufacturer and Maintenance Organization approvals and Transport Canada Design Approval Organization at ACS-NAI
- Subcontract manufacturing services to airframe manufacturers and maintenance organizations

QUALITY ASSURANCE

EMTEQ's global quality inspection programs comply with EN/JSIQ/AS9100:2004, ISO9001:2008, or EN9100:2003 standards, as well as airframe OEM standard compliance for the consistent production of high performance products. EMTEQ has an approved FAA/EASA Part 145 Repair Station in New Berlin and an EASA Part 145 Repair Station in Switzerland. EMTEQ's New Berlin office is an FAA/PMA approved manufacturing facility. Additionally, we provide first article inspection, customer drawing log and revision control, as well as warehousing and lot control of customer supplied parts.

CONTACT US TODAY TO DISCUSS HOW WE CAN SUPPORT YOUR SPECIFIC NEEDS.

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