DV100-1524-101
HD/DV cable

Rockwell Collins' DV100-1524-101 HD/DV cable provides 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. It provides connectivity for a variety of IFE equipment, such as TV monitors, DVD players, Blu-Ray disc players, laptops and video games.

DV100-1524-101 is electrically compatible with standard digital video signals, 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

Jacket	Diameter	Impedance	Attenuation at 100 ft. (30.48 m)	Weight at 100 ft. (30.48 m)	Operating temperature	Capacitance
Opaque green fluorinated ethylene propylene (FEP)	.392" (9.96 mm)	100 ohms	10.9 dB @ 300 MHz 30 dB @ 1.6 GHz 54 dB @ 5.1 GHz	8.8 lbs. (4.0 kg)	-40° C to +105° C	Shield pair: 15.3 pF/ft. Control pair: 12.5 pF/ft.

DESIGN PROPERTIES

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

> Skydrol resistant

CONNECTORS

> Assemblies with DV or HD connectors are available.

> HDMIA-3 -HD connector

> DVIM1 DV connector, DVI-I, DVI-D, DVIM-2, DVIM-3

NOTE: It is highly recommended to purchase as prefabricated and tested cable assemblies.

All values nominal.

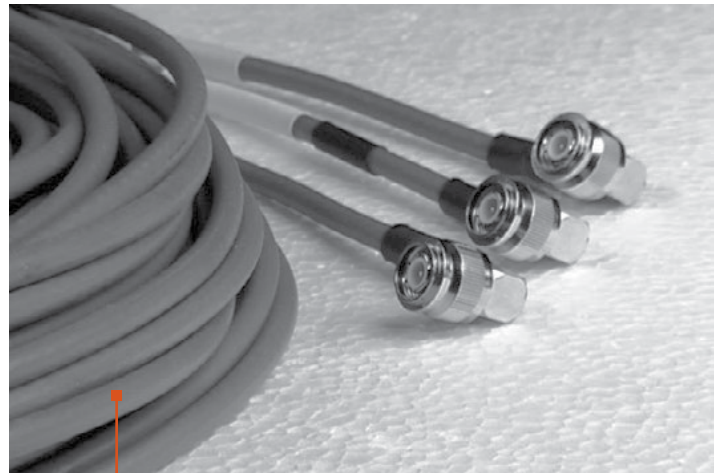**Rockwell Collins**

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Coaxial cable

Rockwell Collins 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 rockwellcollins.com or call your Rockwell Collins 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

Rockwell Collins' 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. We have an approved FAA/EASA Part 145 Repair Station in New Berlin, Wisconsin and an EASA Part 145 Repair Station in Switzerland. Our 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.

Building trust every day.

Rockwell Collins delivers innovative aviation and high-integrity solutions that transform commercial and government customers' futures worldwide. Backed by a global network of service and support, we are deeply committed to putting our solutions to work for you, whenever and wherever you need us. In this way, working together, we build trust. Every day.

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