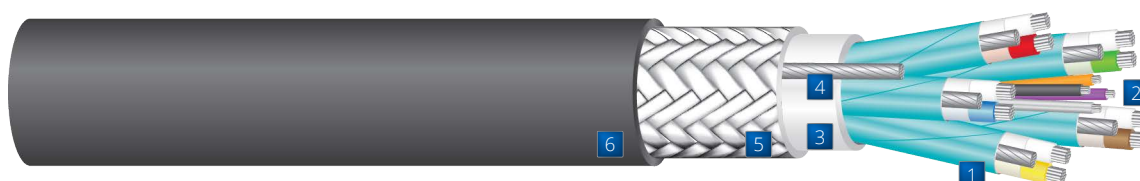


GF100-26HDMI

HIGH-DEFINITION MULTIMEDIA INTERFACE CABLE



READILY AVAILABLE AEROSPACE GRADE HDMI

The GF100-26HDMI is an Aerospace, high-speed 2.0 HDMI cable designed to support 4K p60/59, 12Gbps images up to 15 feet. In addition, this cable will support 4K p30/24, 6Gbps and 1080p 60Hz up to 50 feet. This cable is backward compatible to all current features pertinent to the HDMI specifications. GigaFlight offers assemblies terminated with HDMI and D-Subs connectors. Please contact GigaFlight to discuss your assembly requirements.

ENVIRONMENTAL & MECHANICAL PROPERTIES

Outer Diameter	0.296"
Weight	68 lbs per 1000 ft
Operating Temperature	-55°C to +150°C
Minimum Bend Radius	1.5"

ELECTRICAL PROPERTIES

Impedance	100Ω	
Capacitance	14.5 pF per ft	
Velocity of Propagation	75%	
DC Resistance	43.9Ω/1000 ft max.	
Shield DCR	13.3Ω/1000 ft max.	
Dielectric Voltage Rating	1.5 KV RMS	
Attenuation (+25°C)	Frequency	dB/5 m
	300 MHz	2.5
	825 MHz	5.0
	4125 MHz	20.0
	5100 MHz	25.0

CABLE CONSTRUCTION

Five Shielded, Twisted Pairs		
1	Conductor	26 AWG Silver-plated Copper
	Inner Insulation	Solid Fluoropolymer
	Outer Insulation	Foamed Fluoropolymer
	Color Code	Pair 1: Blue, White; Pair 2: Red, White Pair 3: Green, White; Pair 4: Brown, White; Pair 5: Yellow, White
	Binder	Clear Mylar
	Drain Wire	26 AWG Tin-plated Copper
	Shield	Aluminum Composite Tape
Four Discrete Wires		
2	Conductor	26 AWG Tin-plated Copper
	Insulation	Solid Fluoropolymer
	Color Code	Gray, Orange, Violet, Black
3	Shield 1	Aluminum Composite Tape
4	Drain Wire	26 AWG Tin-plated Copper
5	Shield 2	Tin-plated Copper
6	Jacket	Black Fluoropolymer

All GIGAFLIGHT aerospace cables are designed to be resistant to Skydrol, are RoHS & REACH compliant and will meet the flammability requirements of the Federal Aviation Regulations 14 CFR Part 25.869(a)(4) Amendment 25-113, Appendix F Part I(a)(3)

