

Product Specifications

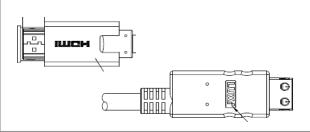
Website: www.luxielectronics.com
Email: xlu@luxielectronics.com

Part Number: 65-030-xx Model: HD18GA-xx

Product Drawing

Phone: +1 (949) 654-2047 Address: Irvine, CA, USA

18 Gbps active HDMI cables Product Image



Features and Benefits

- > World's first 18 Gbps active copper HDMI cables up to 20 m!
- > 4k 60 Hz 4:4:4 HDR compatible
- > Luxi patented locking connectors for secure mating
- > HDCP 2.2 compatible
- > Exclusive EQ IC with sophisticated signal compensations
- > Zero bit error rate reading from Quantum Data 780D tests
- > Supports all HDMI 2.0 video, color and audio formats
- > Small and flexible bulk wires
- > Much more cost effective than fiber cables and baluns
- > Superior EMI performance to reduce interferences
- > Super strong interlocked metal shells to withstand side pulling forces that could snap most other HDMI plugs
- > UL CL2 rated for in wall installations
- > No external power needed in most applications
- > Optional external power connector to ensure 100% compatibilities
- > RoHS compliant

Note: The Premium HDMI Certification Test Specs for active HDMI cables have not been published yet. When they do, we'll be among the first to get the certifications

Package

Packed in poly bags with zip seal

Bag size: varies by model Bag gross weight: varies by model

Master carton size: 32.5x29x23 cm (13x11.5x9 inch)

Master carton gross weight: varies by model

Connections

Input connector: one male HDMI type A plug
Output connector: one male HDMI type A plug
Power connector: one female micro USB socket
Power indication: one blue LED as Luxi logo back light

Other Related Products

Mechanical

Input HDMI plug body length: 22 mm (5-10m), 27 m (15-20m) Output HDMI plug body length: 40 mm

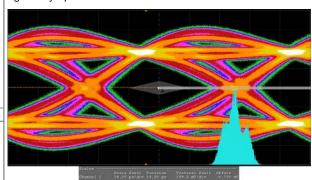
Part numbers

65-030-01, HD18GA-5, 5 m, 32 AWG bulk wires 65-030-02, HD18GA-7.5, 7.5 m, 28 AWG bulk wires 65-030-03, HD18GA-10, 10 m, 28 AWG bulk wires 65-030-04, HD18GA-15, 15 m, 26 AWG bulk wires 65-030-05, HD18GA-20, 20 m, 24 AWG bulk wires

Test results

20 m cable 18 Gbps test results

Agilent eye pattern



Quantum Data 780D BER



Power consumption: 5 V less than 90 mA with 18 Gbps signals about 1 mA in standby

Draws from HDMI source device or external power supply

Regulatory compliance Safety: UL CL2 Environmental: RoHS MTBF: 30,000 hours

Warranty: 3 years parts and labor

Document name: 18 Gbps HDMI cable short specs Revision: 1.00 Date: 6/2/2018 Specifications are subject to change without notice