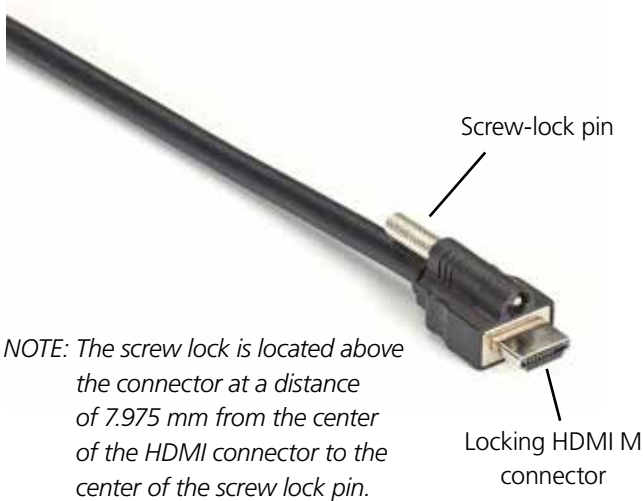


Product Data Sheet

Locking HDMI Cables



Overview

Secure your specialty HDMI cables to prevent accidental or malicious disconnects.

Basic Features

- Connects HDMI video sources such as PCs and Blu-ray™ players to HDMI monitors.
- Maximum speed is 4.95 Gbps or 10.2 Gbps.
- Maximum resolution is 1080p @ 60 Hz.
- These cables have a locking HDMI connector on at least one end for secure connection to the HDMI monitor.
- Four combinations of connectors available:
 - Locking HDMI to DVI,
 - Locking HDMI to standard HDMI,
 - Locking HDMI to Locking HDMI, and
 - Locking HDMI male to DVI adapter female.

Comparison Chart: Locking HDMI Cables

Product Code	Cable Length	Connectors
VCL-HDMIDVI-001M	1 m (3.2 ft.)	(1) Locking HDMI M, (1) DVI M
VCL-HDMIDVI-002M	2 m (6.5 ft.)	(1) Locking HDMI M, (1) DVI M
VCL-HDMIDVI-003M	3 m (9.8 ft.)	(1) Locking HDMI M, (1) DVI M
VCL-HDMIDVI-005M	5 m (16.4 ft.)	(1) Locking HDMI M, (1) DVI M
VCL-HDMIS-001M	1 m (3.2 ft.)	(1) Locking HDMI M, (1) Standard HDMI M
VCL-HDMIS-002M	2 m (6.5 ft.)	(1) Locking HDMI M, (1) Standard HDMI M
VCL-HDMIS-003M	3 m (9.8 ft.)	(1) Locking HDMI M, (1) Standard HDMI M
VCL-HDMIS-004M	5 m (16.4 ft.)	(1) Locking HDMI M, (1) Standard HDMI M
VCL-HDMIL-001M	1 m (3.2 ft.)	(2) Locking HDMI M
VCL-HDMIL-002M	2 m (6.5 ft.)	(2) Locking HDMI M
VCL-HDMIL-003M	3 m (9.8 ft.)	(2) Locking HDMI M
VCL-HDMIL-005M	5 m (16.4 ft.)	(2) Locking HDMI M
Adapter Cable		
Product Code	Cable Length	Connectors
VAL-HDMIDVI	15 cm (6")	(1) HDMI M, (1) DVI female

Locking HDMI Cables Data Sheet

Locking HDMI to DVI Cables (VCL-HDMIDVI-00xM)



Locking HDMI M
connector

VCL-HDMIDVI-002M

DVI M
connector

Available lengths

Product Code	Cable Length
VCL-HDMIDVI-001M	1 m (3.2 ft.)
VCL-HDMIDVI-002M	2 m (6.5 ft.)
VCL-HDMIDVI-003M	3 m (9.8 ft.)
VCL-HDMIDVI-005M	5 m (16.4 ft.)

VCL-HDMIDVI-00xM Pinning Chart

Locking HDMI M connector this side	DVI M connector this side
1-----White-----	1
3-----Brown-----	3
2-----Drain-----	2
4-----White-----	4
6-----Red-----	6
5-----Drain-----	5
7-----White-----	7
9-----Green-----	9
8-----Drain-----	8
10-----White-----	10
12-----Blue-----	12
11-----Drain-----	11
15-----White-----	15
17-----Black-----	17
16-----Drain-----	16
13-----Red-----	13
15-----White-----	15
16-----Violet-----	16
18-----Black-----	18
14-----White-----	14
19-----Orange-----	19
Shell-----Braid-----	Shell

VCL-HDMIDVI-00xM Specifications

Approvals	RoHS2
Cable	Construction: Magnalium braid; O.D. = 5.2 mm
Color	Black
Data Transfer Rate	165 MHz; 4.95 Gbps
Resolution	Maximum supported: 1080p @ 60 Hz, digital displays (may vary by monitor)
Connectors	Input: HDMI M (Nickel-plated), screw lock, Output: DVI-D single-link M (gold contact)
Distance from Center	7.975 mm distance from the center of the HDMI connector to the center of the screw lock pin
Length	VCL-HDMIDVI-001M: 1 m (3.2 ft.); VCL-HDMIDVI-002M: 2 m (6.5 ft.); VCL-HDMIDVI-003M: 3 m (9.8 ft.); VCL-HDMIDVI-005M: 5 m (16.4 ft.)
Wire Gauge	28 AWG

Locking HDMI to Standard HDMI Cables (VCL-HDMIS-00xM)



Locking HDMI M connector

Standard HDMI M connector

Available lengths

Product Code	Cable Length
VCL-HDMIS-001M	1 m (3.2 ft.)
VCL-HDMIS-002M	2 m (6.5 ft.)
VCL-HDMIS-003M	3 m (9.8 ft.)
VCL-HDMIS-004M	5 m (16.4 ft.)

VCL-HDMIS-00xM Pinning Chart

Locking HDMI M connector this side	Standard HDMI connector this side
1-----White-----	1
3-----Brown-----	3
2-----Drain-----	2
4-----White-----	4
6-----Red-----	6
5-----Drain-----	5
7-----White-----	7
9-----Green-----	9
8-----Drain-----	8
10-----White-----	10
12-----Blue-----	12
11-----Drain-----	11
15-----White-----	15
17-----Black-----	17
16-----Drain-----	16
13-----Red-----	13
15-----White-----	15
16-----Violet-----	16
18-----Black-----	18
14-----White-----	14
19-----Orange-----	19
Shell-----Braid-----	Shell

VCL-HDMIS-00xM Specifications

Approvals	RoHS2; High-Speed HDMI
Cable	Construction: Magnalium braid; O.D. = 5.2 mm
Color	Black
Data Transfer Rate	340 MHz; 10.2 Gbps
HDMI Standard	1.3, High-Speed
Resolution	Maximum supported: 1080p @ 60 Hz, digital displays (may vary by monitor); Supports 3D and Deep Color, Ethernet, and 1080p
Connectors	Molded; Input: HDMI M (Nickel-plated), screw lock, Output: HDMI M (Nickel-plated)
Distance from Center	7.975 mm distance from the center of the HDMI connector to the center of the screw lock pin
Length	VCL-HDMIS-001M: 1 m (3.2 ft.); VCL-HDMIS-002M: 2 m (6.5 ft.); VCL-HDMIS-003M: 3 m (9.8 ft.); VCL-HDMIS-005M: 5 m (16.4 ft.)
Wire Gauge	28 AWG

Locking HDMI Cables Data Sheet

Locking HDMI to Locking HDMI Cables (VCL-HDMIL-00xM)



Locking HDMI M connector

Locking HDMI M connector

Available lengths

Product Code	Cable Length
VCL-HDMIL-001M	1 m (3.2 ft.)
VCL-HDMIL-002M	2 m (6.5 ft.)
VCL-HDMIL-003M	3 m (9.8 ft.)
VCL-HDMIL-005M	5 m (16.4 ft.)

VCL-HDMIL-00xM Pinning Chart

Locking HDMI M connector this side	Locking HDMI M connector this side
1-----White-----1	
3-----Brown-----3	
2-----Drain-----2	
4-----White-----4	
6-----Red-----6	
5-----Drain-----5	
7-----White-----7	
9-----Green-----9	
8-----Drain-----8	
10-----White-----10	
12-----Blue-----12	
11-----Drain-----11	
15-----White-----15	
17-----Black-----17	
16-----Drain-----16	
13-----Red-----13	
15-----White-----15	
16-----Violet-----16	
18-----Black-----18	
14-----White-----14	
19-----Orange-----19	
Shell-----Braid-----Shell	

VCL-HDMIL-00xM Specifications

Approvals	RoHS2, High-Speed HDMI
Cable	Construction: Magnalium braid; O.D. = 5.2 mm
Color	Black
Data Transfer Rate	340 MHz; 10.2 Gbps
HDMI Standard	High-Speed
Resolution	Maximum supported: 1080p @ 60 Hz, digital displays (may vary by monitor); Supports 3D and Deep Color, Ethernet, and 1080p
Connectors	Input: HDMI M (Nickel-plated), screw lock, Output: HDMI M (Nickel-plated), screw lock
Distance from Center	7.975 mm distance from the center of the HDMI connector to the center of the screw lock pin
Length	VCL-HDMIL-001M: 1 m (3.2 ft.); VCL-HDMIL-002M: 2 m (6.5 ft.); VCL-HDMIL-003M: 3 m (9.8 ft.); VCL-HDMIL-005M: 5 m (16.4 ft.)
Wire Gauge	28 AWG

Locking HDMI M to DVI F Adapter Cable (VAL-HDMIDVI)



DVI F
connector

Locking HDMI M
connector

Available lengths

VAL-HDMIDVI	15 cm (6")
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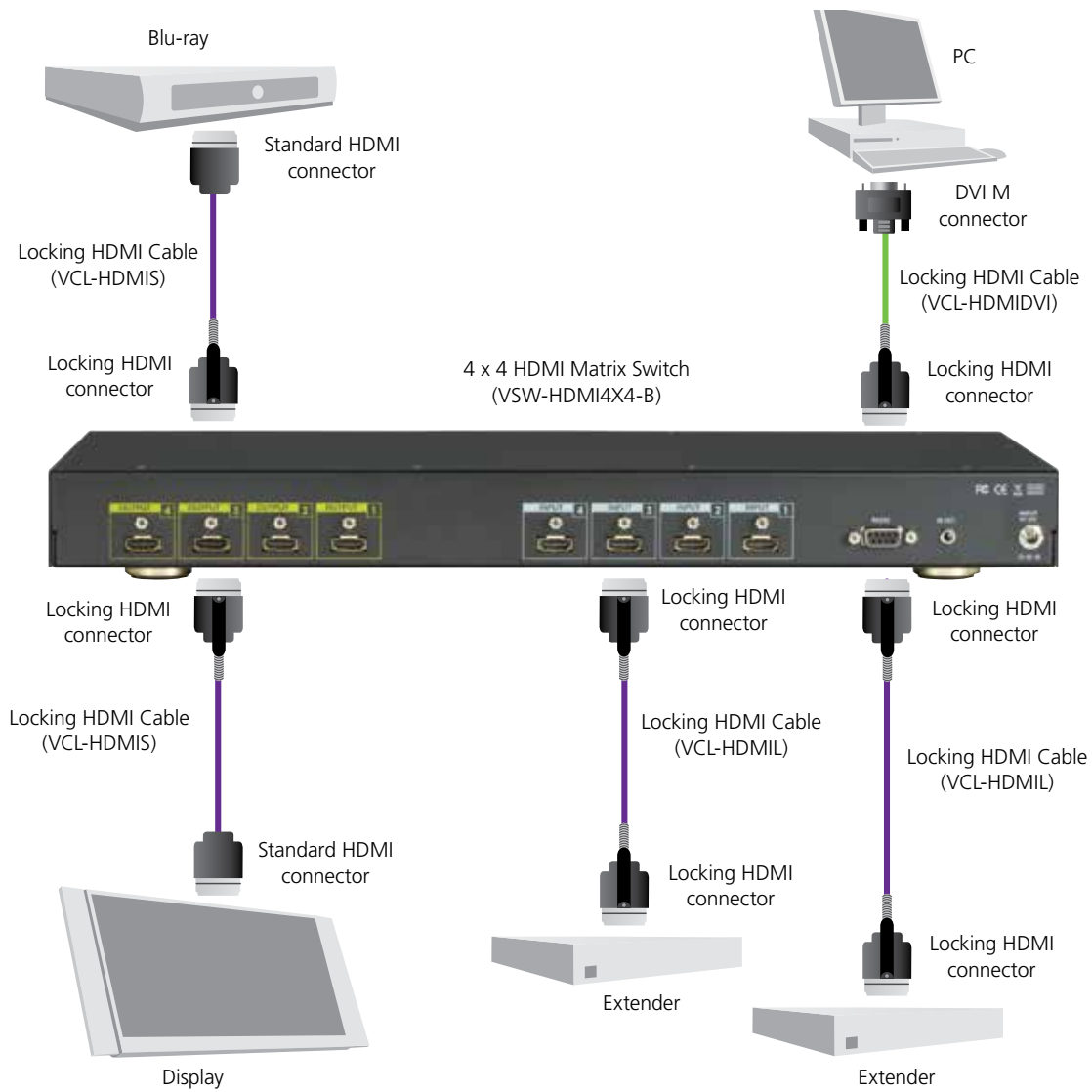
VAL-HDMIDVI Specifications

Approvals	RoHS2
Cable	Construction: Magnalium braid; O.D. = 5.2 mm
Color	Black
Data Transfer Rate	165 MHz; 4.95 Gbps
Resolution	Maximum supported: 1080p @ 60 Hz, digital displays (may vary by monitor); Supports 3D and Deep Color, Ethernet, and 1080p
Connectors	Input: HDMI M (Nickel-plated), screw lock; Output: DVI single-link M (gold contact)
Distance from Center	7.975 mm distance from the center of the HDMI connector to the center of the screw lock pin
Length	15 cm (6")
Wire Gauge	28 AWG

VAL-HDMIDVI Pinning Chart

DVI connector this side		Locking HDMI M connector this side
1-----	White-----	1
3-----	Brown-----	3
2-----	Drain-----	2
4-----	White-----	4
6-----	Red-----	6
5-----	Drain-----	5
7-----	White-----	7
9-----	Green-----	9
8-----	Drain-----	8
10-----	White-----	10
12-----	Blue-----	12
11-----	Drain-----	11
15-----	White-----	15
17-----	Black-----	17
16-----	Drain-----	16
13-----	Red-----	13
15-----	White-----	15
16-----	Violet-----	16
18-----	Black-----	18
14-----	White-----	14
19-----	Orange-----	19
Shell-----	Braid-----	Shell

Typical application



Ordering information

Comparison Chart: Locking HDMI Cables

Product Code	Cable Length	Connectors
VCL-HDMIDVI-001M	1 m (3.2 ft.)	(1) Locking HDMI M, (1) DVI M
VCL-HDMIDVI-002M	2 m (6.5 ft.)	(1) Locking HDMI M, (1) DVI M
VCL-HDMIDVI-003M	3 m (9.8 ft.)	(1) Locking HDMI M, (1) DVI M
VCL-HDMIDVI-005M	5 m (16.4 ft.)	(1) Locking HDMI M, (1) DVI M
VCL-HDMIS-001M	1 m (3.2 ft.)	(1) Locking HDMI M, (1) Standard HDMI M
VCL-HDMIS-002M	2 m (6.5 ft.)	(1) Locking HDMI M, (1) Standard HDMI M
VCL-HDMIS-003M	3 m (9.8 ft.)	(1) Locking HDMI M, (1) Standard HDMI M
VCL-HDMIS-004M	5 m (16.4 ft.)	(1) Locking HDMI M, (1) Standard HDMI M
VCL-HDMIL-001M	1 m (3.2 ft.)	(2) Locking HDMI M
VCL-HDMIL-002M	2 m (6.5 ft.)	(2) Locking HDMI M
VCL-HDMIL-003M	3 m (9.8 ft.)	(2) Locking HDMI M
VCL-HDMIL-005M	5 m (16.4 ft.)	(2) Locking HDMI M
Adapter Cable		
Product Code	Cable Length	Connectors
VAL-HDMIDVI	15 cm (6")	(1) HDMI M, (1) DVI female

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