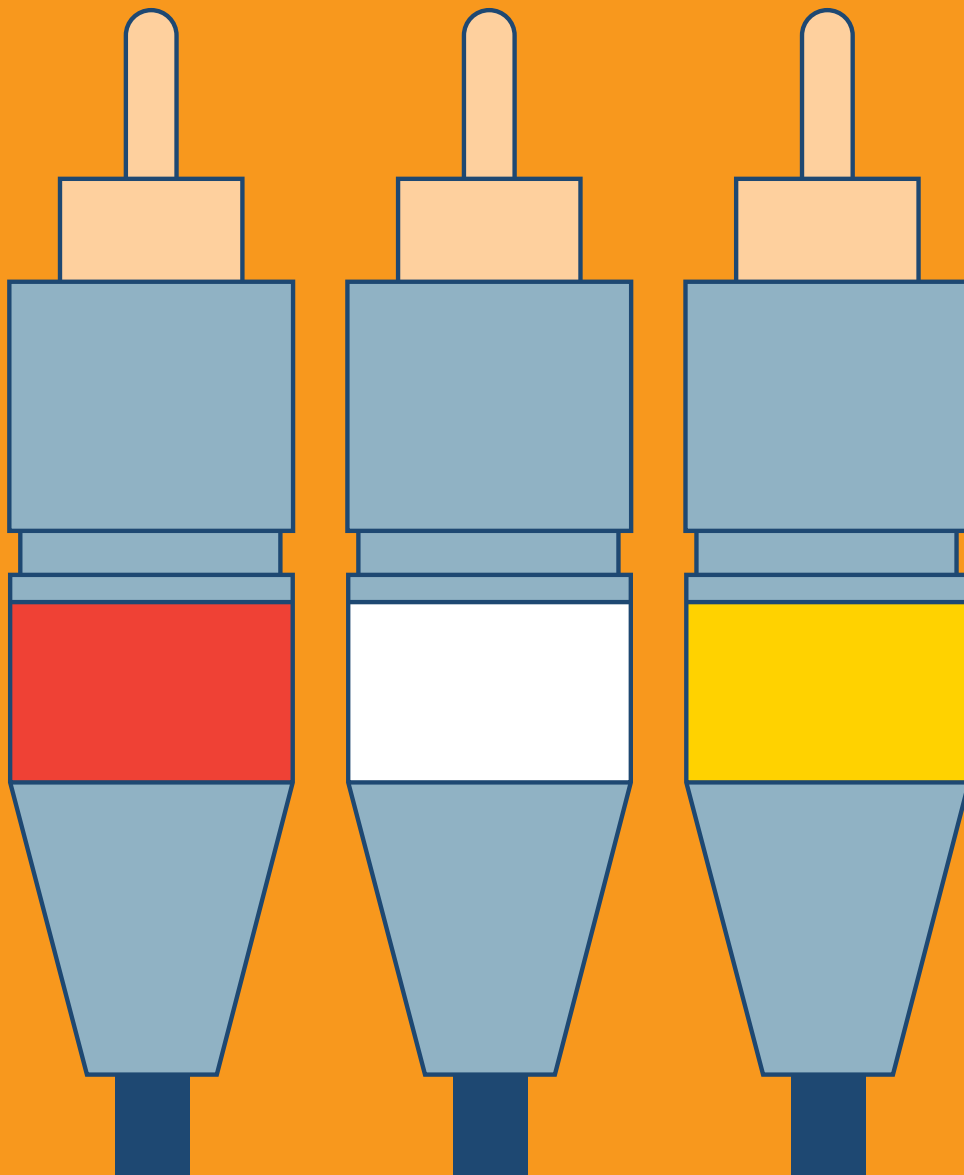# Audio/Video

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WHMA
Wiring Harness Manufacturer's Association

Audio/Video
Catalog

Contents

HDMI™ Cables

HDMI provides high quality audio and video over one cable.* Custom Cable HDMI cables are designed to meet the latest HDMI 1.3 specifications and are tested to 1080P performance standards to ensure a high quality video experience. Stock lengths are ready to ship today and custom lengths are available with a short lead-time. See pages 7 and 8 for hybrid cables.

-HDMI 1.3
-1080P tested
-Excellent A/V performance
-TMDS digital video
-Digital audio
-RoHS compliant
-Lifetime warranty

Common Applications:
• Home theater
• HDTV
• DVD player/recorder
• Satellite/cable receiver
• HD A/V device

HDMI

AVP-HDMI-MM-001M	*HDMI male/male 1 m*
AVP-HDMI-MM-002M	*HDMI male/male 2 m*
AVP-HDMI-MM-003M	*HDMI male/male 3 m*
AVP-HDMI-MM-005M	*HDMI male/male 5 m*
AVP-HDMI-MM-xxxM	*Specify length, xxx m*

* Check the owner's manual for your equipment. Not all equipment is designed with the feature of using the HDMI port for both audio and video.

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DVI Cables

DVI cables provide high quality HDTV digital video and superior video to SVGA. Stock lengths are ready to ship today and custom lengths are available with a short lead-time. See pages 7 and 8 for hybrid cables and adaptors using DVI connectors.

-High quality HDTV video
-Superior video to SVGA
-RoHS compliant
-Lifetime warranty

Common Applications:
- Home theater
- HDTV
- HD DVRs
- DVD player/recorder
- Satellite/cable receiver
- Video projector
- Computer monitor

DVI-A   Analog

AVP-DVIA-S-MM-001M	DVI-A single link male/male 1 m
AVP-DVIA-S-MM-002M	DVI-A single link male/male 2 m
AVP-DVIA-S-MM-003M	DVI-A single link male/male 3 m
AVP-DVIA-S-MM-005M	DVI-A single link male/male 5 m
AVP-DVIA-S-MM-xxxM	Specify length, xxx m

AVP-DVIA-S-MF-001M	DVI-A single link male/female 1 m
AVP-DVIA-S-MF-002M	DVI-A single link male/female 2 m
AVP-DVIA-S-MF-003M	DVI-A single link male/female 3 m
AVP-DVIA-S-MF-xxxM	Specify length, xxx m

DVI-D   Digital

AVP-DVID-S-MM-001M	DVI-D single link male/male 1 m
AVP-DVID-S-MM-002M	DVI-D single link male/male 2 m
AVP-DVID-S-MM-003M	DVI-D single link male/male 3 m
AVP-DVID-S-MM-005M	DVI-D single link male/male 5 m
AVP-DVID-S-MM-xxxM	Specify length, xxx m

AVP-DVID-D-MM-001M	DVI-D dual link male/male 1 m
AVP-DVID-D-MM-002M	DVI-D dual link male/male 2 m
AVP-DVID-D-MM-003M	DVI-D dual link male/male 3 m
AVP-DVID-D-MM-005M	DVI-D dual link male/male 5 m
AVP-DVID-D-MM-xxxM	Specify length, xxx m

AVP-DVID-D-MF-001M	DVI-D dual link male/female 1 m
AVP-DVID-D-MF-002M	DVI-D dual link male/female 2 m
AVP-DVID-D-MF-003M	DVI-D dual link male/female 3 m
AVP-DVID-D-MF-xxxM	Specify length, xxx m

DVI-I   Analog and digital

AVP-DVII-S-MM-001M	DVI-I single link male/male 1 m
AVP-DVII-S-MM-002M	DVI-I single link male/male 2 m
AVP-DVII-S-MM-003M	DVI-I single link male/male 3 m
AVP-DVII-S-MM-005M	DVI-I single link male/male 5 m
AVP-DVII-S-MM-xxxM	Specify length, xxx m

AVP-DVII-D-MM-001M	DVI-I dual link male/male 1 m
AVP-DVII-D-MM-002M	DVI-I dual link male/male 2 m
AVP-DVII-D-MM-003M	DVI-I dual link male/male 3 m
AVP-DVII-D-MM-005M	DVI-I dual link male/male 5 m
AVP-DVII-D-MM-xxxM	Specify length, xxx m

AVP-DVII-D-MF-001M	DVI-I dual link male/female 1 m
AVP-DVII-D-MF-002M	DVI-I dual link male/female 2 m
AVP-DVII-D-MF-003M	DVI-I dual link male/female 3 m
AVP-DVII-D-MF-xxxM	Specify length, xxx m

RCA Cables

RCA cables provide a common connection between many different A/V devices. Custom Cable RCA cables are constructed with a 75 ohm video coax and audio twisted pair to ensure high performance. Stock lengths are ready to ship today and custom lengths are available with a short lead-time. See pages 7 and 8 for hybrid cables and adaptors using RCA connectors.

- 75 ohm coax and audio twisted pair
- popular connection
- RoHS compliant
- Lifetime warranty

Common Applications:
- Home theater
- TV/VCR
- DVD player/recorder
- Satellite/cable receiver
- Video projector
- Camcorder
- USB/PC video recorders

Audio

AVQ-RCA-A-MM-003	RCA single audio male/male 3 ft
AVQ-RCA-A-MM-006	RCA single audio male/male 6 ft
AVQ-RCA-A-MM-012	RCA single audio male/male 12 ft
AVQ-RCA-A-MM-025	RCA single audio male/male 25 ft
AVQ-RCA-A-MM-050	RCA single audio male/male 50 ft
AVQ-RCA-A-MM-100	RCA single audio male/male 100 ft
AVPA-RCA-A-MM-xxx	Specify length, xxx ft (premium assembled)

AVQ-RCA-AA-MM-003	RCA stereo audio male/male 3 ft
AVQ-RCA-AA-MM-006	RCA stereo audio male/male 6 ft
AVQ-RCA-AA-MM-012	RCA stereo audio male/male 12 ft
AVQ-RCA-AA-MM-025	RCA stereo audio male/male 25 ft
AVQ-RCA-AA-MM-050	RCA stereo audio male/male 50 ft
AVQ-RCA-AA-MM-100	RCA stereo audio male/male 100 ft
AVPA-RCA-AA-MM-xxx	Specify length, xxx ft (premium assembled)

Video

AVQ-RCA-V-MM-003	RCA single video male/male 3 ft
AVQ-RCA-V-MM-006	RCA single video male/male 6 ft
AVQ-RCA-V-MM-012	RCA single video male/male 12 ft
AVQ-RCA-V-MM-025	RCA single video male/male 25 ft
AVQ-RCA-V-MM-050	RCA single video male/male 50 ft
AVQ-RCA-V-MM-100	RCA single video male/male 100 ft
AVPA-RCA-V-MM-xxx	Specify length, xxx ft (premium assembled)

AVQ-RCA-RGB-MM-003	RCA RGB video male/male 3 ft
AVQ-RCA-RGB-MM-006	RCA RGB video male/male 6 ft
AVQ-RCA-RGB-MM-012	RCA RGB video male/male 12 ft
AVQ-RCA-RGB-MM-025	RCA RGB video male/male 25 ft
AVQ-RCA-RGB-MM-050	RCA RGB video male/male 50 ft
AVQ-RCA-RGB-MM-100	RCA RGB video male/male 100 ft
AVPA-RCA-RGB-MM-xxx	Specify length, xxx ft (premium assembled)

Audio/Video

AVQ-RCA-AAV-MM-003	RCA stereo audio and single video male/male 3 ft
AVQ-RCA-AAV-MM-006	RCA stereo audio and single video male/male 6 ft
AVQ-RCA-AAV-MM-012	RCA stereo audio and single video male/male 12 ft
AVQ-RCA-AAV-MM-025	RCA stereo audio and single video male/male 25 ft
AVQ-RCA-AAV-MM-050	RCA stereo audio and single video male/male 50 ft
AVQ-RCA-AAV-MM-100	RCA stereo audio and single video male/male 100 ft
AVPA-RCA-AAV-MM-xxx	Specify length, xxx ft (premium assembled)

AVPA-RCA-AARGB-MM-xxx	RCA stereo audio and RGB video male/male xxx ft
	Specify length, xxx ft (premium assembled)

S-Video Cables

S-Video, also known as SVHS, is a popular video connection for both consumer and professional equipment. Custom Cable S-Video cables are constructed with low loss 75 ohm coax to provide high video performance and quality. Stock lengths are ready to ship today. Custom lengths and Plenum cables are available with a short lead-time.

- *75 ohm coax*
- *PVC or Plenum*
- *Popular video connection*
- *RoHS compliant*
- *Lifetime warranty*

Common Applications:
- Home theater
- VCR/DVR
- DVD player/recorder
- Satellite/cable receiver
- Video projector
- Camcorder
- USB/PC video recorders

S-Video/SVHS	Molded
AVQ-SV-MM-003	*S-Video male/male 3 ft*
AVQ-SV-MM-006	*S-Video male/male 6 ft*
AVQ-SV-MM-012	*S-Video male/male 12 ft*
AVQ-SV-MM-025	*S-Video male/male 25 ft*
AVQ-SV-MM-050	*S-Video male/male 50 ft*
AVQ-SV-MM-100	*S-Video male/male 100 ft*
AVQ-SV-MM-xxx	*Specify length, xxx ft*

S-Video/SVHS	Assembled
AVPA-SV-MM-xxx	*S-Video male/male PVC xx ft*
AVPA-SV-P-MM-xxx	*S-Video male/male Plenum xx ft*

SVGA Cables

SVGA is a popular video connection for computers, monitors, and video projectors. Custom Cable SVGA cables use video grade 75 ohm coax to provide a high quality picture at standard or long custom lengths. Stock lengths are ready to ship today. Custom lengths and Plenum cables are available with a short lead-time. See pages 7 and 8 for hybrid cables using SVGA connectors.

- *75 ohm coax*
- *PVC or Plenum*
- *Popular video connection*
- *RoHS compliant*
- *Lifetime warranty*

Common Applications:
- Computer/monitors
- Video projectors

HD15	
AVQ-SVGA-MM-003	*SVGA HD15 male/male 3 ft*
AVQ-SVGA-MM-006	*SVGA HD15 male/male 6 ft*
AVQ-SVGA-MM-010	*SVGA HD15 male/male 10 ft*
AVQ-SVGA-MM-025	*SVGA HD15 male/male 25 ft*
AVQ-SVGA-MM-050	*SVGA HD15 male/male 50 ft*
AVQ-SVGA-MM-100	*SVGA HD15 male/male 100 ft*
AVQ-SVGA-MM-xxx	*Specify length, xxx ft*
AVQ-SVGA-MF-003	*SVGA HD15 male/female 3 ft*
AVQ-SVGA-MF-006	*SVGA HD15 male/female 6 ft*
AVQ-SVGA-MF-010	*SVGA HD15 male/female 10 ft*
AVQ-SVGA-MF-025	*SVGA HD15 male/female 25 ft*
AVQ-SVGA-MF-xxx	*Specify length, xxx ft*

Coax Cables—Quad-shielded

Coax cables provide reliable connections for A/V applications of many types. Custom Cable "F" and "BNC" cables are designed with quad-shielded RG6 and high quality connectors to ensure performance. Stock lengths are ready to ship today. Custom lengths and Plenum cables are available with a short lead-time.

- *Quad-shielded RG6*
- *PVC or Plenum*
- *RoHS compliant*
- *Lifetime warranty*

F Common Applications:
- TV
- TV antenna
- VCR
- Satellite and cable receiver

BNC Common Applications:
- CCTV

F Connector

AVP-F-R6-MM-003	*F connector RG6 coax male/male 3 ft*
AVP-F-R6-MM-006	*F connector RG6 coax male/male 6 ft*
AVP-F-R6-MM-012	*F connector RG6 coax male/male 12 ft*
AVP-F-R6-MM-025	*F connector RG6 coax male/male 25 ft*
AVP-F-R6-MM-050	*F connector RG6 coax male/male 50 ft*
AVP-F-R6-MM-xxx	*Specify length, xxx ft*

BNC

AVP-BNC-R6-MM-003	*BNC connector RG6 coax male/male 3 ft*
AVP-BNC-R6-MM-006	*BNC connector RG6 coax male/male 6 ft*
AVP-BNC-R6-MM-012	*BNC connector RG6 coax male/male 12 ft*
AVP-BNC-R6-MM-025	*BNC connector RG6 coax male/male 25 ft*
AVP-BNC-R6-MM-050	*BNC connector RG6 coax male/male 50 ft*
AVP-BNC-R6-MM-xxx	*Specify length, xxx ft*

TOSLINK™

TOSLINK provides digital audio over fiber optic cable. Many manufacturers have chosen TOSLINK as a standard connection on digital audio equipment. Stock lengths are ready to ship today. Custom lengths and glass TOSLINK are available with a short lead-time.

- *Fiber quality audio*
- *Plastic or glass*
- *RoHS compliant*
- *Lifetime warranty*

Common Applications:
- Satellite/cable receivers
- Surround sound receivers
- CD and DVD players

Plastic

AVQ-TL-MM-001M	*TOSLINK fiber male/male 1 m*
AVQ-TL-MM-002M	*TOSLINK fiber male/male 2 m*
AVQ-TL-MM-003M	*TOSLINK fiber male/male 3 m*
AVQ-TL-MM-005M	*TOSLINK fiber male/male 5 m*
AVQ-TL-MM-xxxM	*Specify length, xxx m*

TOSLINK glass fiber also available

Hybrid Cables and Adaptors

Hybrid cables and adaptors are used to connect compatible devices that have different connector types. Common A/V hybrid cables and adaptors are listed below and on the next page. Contact your Customer Experience Team for additional options. Stock items are ready to ship today and custom items are available with a short lead-time.

- Custom and in-stock lengths
- RoHS compliant
- Lifetime warranty

HDMI to DVI-D

AVP-DVID-HDMI-MM-001M	DVI-D to HDMI male/male 1 m
AVP-DVID-HDMI-MM-002M	DVI-D to HDMI male/male 2 m
AVP-DVID-HDMI-MM-003M	DVI-D to HDMI male/male 3 m
AVP-DVID-HDMI-MM-005M	DVI-D to HDMI male/male 5 m
AVP-DVID-HDMI-MM-xxxM	Specify length, xxx m

DVI-A to SVGA

AVP-DVIA-SVGA-MM-001M	DVI-A to SVGA HD15 male/male 1 m
AVP-DVIA-SVGA-MM-002M	DVI-A to SVGA HD15 male/male 2 m
AVP-DVIA-SVGA-MM-003M	DVI-A to SVGA HD15 male/male 3 m
AVP-DVIA-SVGA-MM-005M	DVI-A to SVGA HD15 male/male 5 m
AVP-DVIA-SVGA-MM-xxxM	Specify length, xxx m

SVGA HD15 to BNC

AVP-5BNC-SVGA-MM-006	SVGA 5 BNC RGBHV to HD15 male/male 6 ft
AVP-5BNC-SVGA-MM-010	SVGA 5 BNC RGBHV to HD15 male/male 10 ft
AVP-5BNC-SVGA-MM-xxx	Specify length, xxx ft

Three and four BNC versions are available

Hybrid Cables and Adaptors, *continued*

Audio

AVQ-S35-S63-FM-ADP
3.5mm stereo jack to
6.3mm (1/4") stereo plug

AVQ-S35-S63-MF-ADP
3.5mm stereo plug to
6.3mm (1/4") stereo jack

AVQ-S35-2S35-MF-ADP
3.5mm stereo plug to
two 3.5mm stereo jacks

AVQ-S35-2M35-MF-ADP
3.5mm stereo plug to
two 3.5mm mono jacks

AVQ-S63-2RCA-MF-ADP
6.3mm (1/4") stereo plug to
two RCA jacks

AVQ-S35-2RCA-MF-ADP
3.5mm stereo plug to
two RCA jacks

AVQ-S35-2RCA-FM-ADP
3.5mm stereo jack to
two RCA plugs

AVQ-RCA-2RCA-FM-ADP
RCA jack to
two RCA plugs

AVQ-RCA-2RCA-MF-ADP
RCA plug to
two RCA jacks

AVQ-S35-2RCA-MM-ADP
3.5mm stereo plug to
two RCA plugs

Video

AVP-DVID-HDMI-FM-ADP
DVI-D female to HDMI male

AVP-DVID-HDMI-MF-ADP
DVI-D male to HDMI female

AVP-DVIA-SVGA-MF-ADP
DVI-A male to SVGA HD15 female

AVP-DVIA-SVGA-FM-ADP
DVI-A female to SVGA HD15 male

AVP-SVGA-MM-ADP
SVGA HD15 male to male

AVP-SVGA-FF-ADP
SVGA HD15 female to female

AVP-SVGA-MF-ADP
SVGA HD15 male to female (stand off)

Custom Cable   **800.552.2232**   catalog@customcable.com   www.customcable.com

Patch Cords—Cat5e and Cat6

Many devices have network or other ports that use Cat5e and Cat6 patch cords. Custom Cable patch cords are constructed of components that meet or exceed Cat5e or Cat6 specifications to ensure performance and reliability. Many colors and lengths are in stock and available to ship today. Custom lengths and configurations are available with a short lead-time.

-Performance you can trust
-RoHS compliant
-Lifetime warranty

Options:
- 568B, 568A or crossover
- Stranded or solid wire
- PVC or Plenum
- Stock and custom lengths
- With or without boots
- Shielded or unshielded
- Multiple colors

Cat5e—568B Configuration

Flush molded snagless bubble boot—unshielded twisted pair

Length	Colors:	Gray	Blue	White
3 ft.		PC5B-21-GRY-003	PC5B-21-BLU-003	PC5B-21-WHT-003
5 ft.		PC5B-21-GRY-005	PC5B-21-BLU-005	PC5B-21-WHT-005
7 ft.		PC5B-21-GRY-007	PC5B-21-BLU-007	PC5B-21-WHT-007
10 ft.		PC5B-21-GRY-010	PC5B-21-BLU-010	PC5B-21-WHT-010
15 ft.		PC5B-21-GRY-015	PC5B-21-BLU-015	PC5B-21-WHT-015
25 ft.		PC5B-21-GRY-025	PC5B-21-BLU-025	PC5B-21-WHT-025
50 ft.		PC5B-21-GRY-050	PC5B-21-BLU-050	PC5B-21-WHT-050
100 ft.		PC5B-21-GRY-100	PC5B-21-BLU-100	PC5B-21-WHT-100

Cat6—568B Configuration

Flush molded snagless bubble boot—unshielded twisted pair

Length	Colors:	Gray	Blue	White
3 ft.		PC6B-21-GRY-003	PC6B-21-BLU-003	PC6B-21-WHT-003
5 ft.		PC6B-21-GRY-005	PC6B-21-BLU-005	PC6B-21-WHT-005
7 ft.		PC6B-21-GRY-007	PC6B-21-BLU-007	PC6B-21-WHT-007
10 ft.		PC6B-21-GRY-010	PC6B-21-BLU-010	PC6B-21-WHT-010
14 ft.		PC6B-21-GRY-014	PC6B-21-BLU-014	PC6B-21-WHT-014
20 ft.		PC6B-21-GRY-020	PC6B-21-BLU-020	PC6B-21-WHT-020
25 ft.		PC6B-21-GRY-025	PC6B-21-BLU-025	PC6B-21-WHT-025
50 ft.		PC6B-21-GRY-050	PC6B-21-BLU-050	PC6B-21-WHT-050
100 ft.		PC6B-21-GRY-100	PC6B-21-BLU-100	PC6B-21-WHT-100

IEEE-1394 FireWire™ Cables

IEEE-1394, also known as FireWire™ or i.LINK™, is a popular data connection. IEEE-1394 cables can provide a common high speed connection between many different types of devices. Custom Cable provides both IEEE-1394 and IEEE-1394B cables that are capable of transfer speeds up to 800 Mbps. Stock lengths are ready to ship today and custom lengths are available with a short lead-time.

- *Up to 800 Mbps*
- *Popular data connection*
- *RoHS compliant*
- *Lifetime warranty*

Common Applications:
- Computers
- External storage device
- Camcorder
- HDTV
- Satellite/cable receiver
- DVD player/recorder

IEEE-1394 FireWire cables	*Up to 400Mbps*

DA-1394-44-MM-001M	*IEEE-1394 FireWire 4-4 pin male/male 1 m*
DA-1394-44-MM-002M	*IEEE-1394 FireWire 4-4 pin male/male 2 m*
DA-1394-44-MM-003M	*IEEE-1394 FireWire 4-4 pin male/male 3 m*
DA-1394-44-MM-005M	*IEEE-1394 FireWire 4-4 pin male/male 5 m*
DA-1394-44-MM-xxxM	*Specify length, xxx m*
DA-1394-46-MM-001M	*IEEE-1394 FireWire 4-6 pin male/male 1 m*
DA-1394-46-MM-002M	*IEEE-1394 FireWire 4-6 pin male/male 2 m*
DA-1394-46-MM-003M	*IEEE-1394 FireWire 4-6 pin male/male 3 m*
DA-1394-46-MM-005M	*IEEE-1394 FireWire 4-6 pin male/male 5 m*
DA-1394-46-MM-xxxM	*Specify length, xxx m*
DA-1394-66-MM-001M	*IEEE-1394 FireWire 6-6 pin male/male 1 m*
DA-1394-66-MM-002M	*IEEE-1394 FireWire 6-6 pin male/male 2 m*
DA-1394-66-MM-003M	*IEEE-1394 FireWire 6-6 pin male/male 3 m*
DA-1394-66-MM-005M	*IEEE-1394 FireWire 6-6 pin male/male 5 m*
DA-1394-66-MM-xxxM	*Specify length, xxx m*

IEEE-1394B FireWire cables	*Up to 800Mbps*

DA-1394B-49-MM-001M	*IEEE-1394B FireWire 400 Mbps 4-9 pin male/male 1 m*
DA-1394B-49-MM-002M	*IEEE-1394B FireWire 400 Mbps 4-9 pin male/male 2 m*
DA-1394B-49-MM-003M	*IEEE-1394B FireWire 400 Mbps 4-9 pin male/male 3 m*
DA-1394B-49-MM-005M	*IEEE-1394B FireWire 400 Mbps 4-9 pin male/male 5 m*
DA-1394B-49-MM-xxxM	*Specify length, xxx m*
DA-1394B-69-MM-001M	*IEEE-1394B FireWire 400 Mbps 6-9 pin male/male 1 m*
DA-1394B-69-MM-002M	*IEEE-1394B FireWire 400 Mbps 6-9 pin male/male 2 m*
DA-1394B-69-MM-003M	*IEEE-1394B FireWire 400 Mbps 6-9 pin male/male 3 m*
DA-1394B-69-MM-005M	*IEEE-1394B FireWire 400 Mbps 6-9 pin male/male 5 m*
DA-1394B-69-MM-xxxM	*Specify length, xxx m*
DA-1394B-99-MM-001M	*IEEE-1394B FireWire 800 Mbps 9-9 pin male/male 1 m*
DA-1394B-99-MM-002M	*IEEE-1394B FireWire 800 Mbps 9-9 pin male/male 2 m*
DA-1394B-99-MM-003M	*IEEE-1394B FireWire 800 Mbps 9-9 pin male/male 3 m*
DA-1394B-99-MM-005M	*IEEE-1394B FireWire 800 Mbps 9-9 pin male/male 5 m*
DA-1394B-99-MM-xxxM	*Specify length, xxx m*

Custom Cable   **800.552.2232**   catalog@customcable.com   www.customcable.com

Related Products

Custom Cable offers a wide range of A/V products from stock to custom, from consumer to broadcast. Please contact your Customer Experience Team for any items not listed in this catalog. Many stock items are ready to ship today. Custom lengths, custom configurations and build-to-print items are available with a short lead-time.

Options:
- Standard cables
- Custom solutions
- Build-to-print
- Custom lengths
- Molded or assembled
- PVC or Plenum

Common Cables

Mono or stereo audio cables
Left: 6.3mm (1/4")
Right: 3.5mm (1/8")

XLR patch cords and adaptors

Bantam patch cords

BNC SVGA
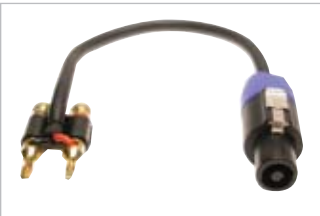3, 4 or 5 coax cables

13W3 video cables

Unique Solutions

90 degree cables

Custom audio cables
dual banana plugs/Speakon® connector

Cat5e and RG6 bundled cables

Broadcast Cables

XLR snake cables

XLR breakout cables

XLR panels

Reference

A/V
Audio and video. In some contexts, may be used to refer to only audio or video.

Cable Configuration
Specifies each conductor connection made within a cable assembly—may also specify the wire and connectors used. Cable configuration is also known as cable pinout.

Cat5e or Cat6 Compliant
A Cat5e or Cat6 compliant assembly is manufactured from components that meet or exceed TIA/EIA Cat5e or Cat6 specifications. All component manufacturer assembly instructions are followed to ensure the highest quality and best performance possible.

DVI
Digital Video Interface is available in both single and dual link and is capable of carrying analog video, digital video or both.

DVI-A carries analog video, DVI-D carries digital video, and DVI-I carries both analog and digital video.

DVI-D and DVI-I are available in both single and dual link. DVI-A is only available in single link. Dual link uses more pins and can provide a higher resolution at a higher refresh rate than single link.

EMI
Electromagnetic interference is generated as current (electricity/signal) passes through a conductor. The current creates a magnetic field to form and rotate around the conductor.

FireWire™
See IEEE-1394 and IEEE-1394B.

HANA™
High-Definition Audio-Video Network Alliance is a group of media industry leaders that established design guidelines for secure high-definition A/V networking.

HD
High Definition.

HDCP
High-bandwidth Digital Content Protection is a technology that prevents duplication of copyrighted material.

HDMI™
High-Definition Multimedia Interface carries the same video information as DVI. HDMI can also carry digital audio, control signals and support HDCP.

HDMI is available in two friction fit connector styles. "Type A" is the 19-pin connector we see today and "Type B" is a larger 28-pin version currently not commonly used.

Hybrid Cable
A cable assembly that has different connector types on each end, has different wire types bundled together, or connects different technologies of equipment.

i.LINK™
See IEEE-1394 and IEEE-1394B.

IEEE-1394 and IEEE-1394B
Also called FireWire™ or i.LINK™ and has been adopted by HANA as the standard interface for A/V communication and control.

Provides high speed serial data transfer, including audio and video data. Common connector types are four-, six- and nine-pin. IEEE-1394 standards also specify wireless, fiber, coax and Cat5e versions.

The four- and six-pin connectors support speeds up to 400 Mbps (IEEE-1394). The nine-pin connector supports speeds up to 800 Mbps (IEEE-1394B) and is backward compatible with IEEE-1394.

Mbps vs. MBps
Mbps is megabits per second. MBps is megabytes per second. Eight megabits is equal to one megabyte.

PVC vs. Plenum
The material making up a cable's jacket and insulation over the conductors. Polyvinyl chloride (PVC) is more popular and less expensive. Plenum is a fire-rated, low-smoke choice made with Teflon®. Plenum may be required if the cable is being installed in a ceiling, raised floor, between floors, through walls, or if specific regulations apply.

RFI
Radio frequency interference is generated as a high-frequency signal passes over a conductor.

RoHS
Restrictions of Hazardous Substances is a directive aimed at protecting the environment by limiting the amounts of lead, mercury, cadmium and other hazardous materials a product may contain. Custom Cable is dedicated to protecting the environment through programs such as RoHS.

S-Video
A type of video commonly using a four-pin mini-DIN connector. The four pins are used for luminance, chrominance, and two grounds. S-Video is also known as SVHS.

Shielded Cable
Shielded cable has a metal foil and/or braid surrounding the conductors. The shield protects the cable from outside EMI/RFI. Additionally, the shield protects other cables or devices from any EMI/RFI that the shielded cable may create.

TMDS
Transition Minimized Differential Signaling is a technology developed by Silicon Image Inc., which reduces EMI over copper cable. TMDS is used to transmit high-speed serial data for DVI and HDMI video.

TOSLINK™
A fiber optic digital audio connection with a typical maximum cable length of five meters, originally developed by Toshiba for CD players. Many manufacturers provide TOSLINK connections on their audio devices. TOSLINK is also known as EIAJ optical.

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Complete Solutions

Custom Cable's wide range of capabilities enables us to deliver complete connectivity solutions.

Cable Assemblies

Custom Cable offers stock and custom cables and harnesses. Assembled or molded connector ends are available in industry standard, custom or build-to-print configurations. We also offer kitting and staging for your logistical needs.

We service the telecommunication, original equipment manufacturer, medical, government, automotive, education, entertainment, hospitality and financial industries.
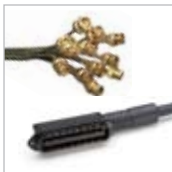
Standard and Custom Assemblies

Cat5e and Cat6 Patch Cords

Fiber Cables, Adaptors, Attenuators

Central Office Twisted Pair and Coax

Innovative Patch Panels

OEM Harnesses

Logistic Kitting and Staging

Professional Services

Custom Cable has the network and telephone expertise to help you create a new network or add to an existing one.

We supply and install VoIP phones, VoIP phone switches, network wireless access points, switches, routers, and firewall protection to provide you a high performance network that is reliable and secure.

VoIP Phone Switch

VoIP Phone

Network Switch

Wireless Access Point

Network Router

Network Firewall

Six product photos (above) courtesy of Cisco Systems, Inc. Unauthorized use not permitted.

Cabling Installations

Custom Cable provides indoor/outdoor cable installations and wireless solutions. We install cabling within ceilings, raised floors, modular furniture, riser channels and outdoor aerial or buried environments.

Our products include, but are not limited to, patch panels, punch down blocks, network outlets, racks and wireless access points.

Professional Installs

Patch Panels and Wire Management

Racks and Ladder Racking

Complete Data/Phone Closets

DS3 Coax Installs

Pre-terminated Zone Cabling

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