

Computer Cables ***&*** ***Accessories***

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HIGH DEFINITION MULTIMEDIA INTERFACE

- Pass Uncompressed Digital Video Stream and Up to 8 Channels of Digital Audio.
- Backwards Compatible with DVI Digital.
- Gold Plated Contacts.

HDMI™ Male to Male

S-HDI2-(XX)



Length in Meters (XX): 1, 2, 3, 5, 8, 11, 15, 23. (1 Meter ≈ 3.28ft)

HDMI™ Male to DVI Male

S-HDI-DVI-(XX)



Length in Meters (XX): 1, 2, 3, 5. (1 Meter ≈ 3.28ft)

HDMI™ Male to Female (Extension)

S-HDI-MF-(XX)

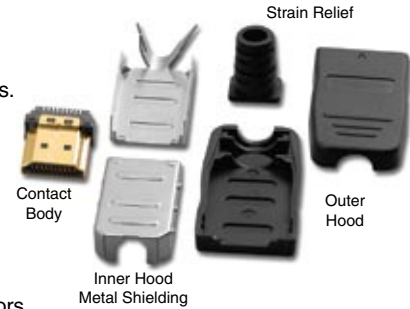


Length in Meters (XX): 1, 2, 3, 5. (1 Meter ≈ 3.28ft)

HDMI™ KIT

- Gold Plated Contacts.
- Solder Type.

HDI-19P-KIT



BULK CABLE

- 5 Pairs + 5 Conductors.
- 30 AWG Conductors.

MCC-HDI-5P5-500 500ft. Roll

VARIOUS ADAPTORS

- 19 Contacts Fully Loaded.
- Gold Plated Conductors.
- Backwards Compatible with DVI Digital.

HDMI™ ADAPTORS

<u>AD-HDI-19FF</u>	Female to Female
<u>AD-HDI-19MF</u>	Male to Female
<u>AD-HDI-19MM</u>	Male to Male

HDMI™ to DVI ADAPTORS

<u>AD-HDIF-DVIM</u>	HDMI™ Female to DVI Male
<u>AD-HDIM-DVIF</u>	HDMI™ Male to DVI Female



Female to Female



Male to Female



Male to Male



DVI Male to HDMI Female



DVI Female to HDMI Male



Digital Visual Interface Pass Uncompressed Video Signal from Source to Display

DVI DIGITAL

- Digital to Digital Signal.
- Send Information Using TMDS (Transmission Minimized Differential Signal).
- Use One TMDS 165Hz Transmitters. Two Separated 9 Pin sets Plus the Flat Pin; Total of 19 Pins.
- Gold Plated Contacts.

Single Link

- S-DVI-DMMS-03'
- S-DVI-DMMS-06'
- S-DVI-DMMS-10'
- S-DVI-DMMS-20'
- S-DVI-DMMS-25'
- S-DVI-DMMS-35'
- S-DVI-DMMS-50'
- S-DVI-DMMS-75'
- S-DVI-DMMS-100'



- Digital to Digital Signal.
- Send Information Using TMDS (Transmission Minimized Differential Signal).
- Use Two TMDS 165Hz Transmitters which Increase Signal Speed and Quality. A Solid 24 Pin Set Plus the Flat Pin; Total of 25 Pins.
- Gold Plated Contacts.

Dual Link

- S-DVI-DMMD-03'
- S-DVI-DMMD-06'
- S-DVI-DMMD-10'
- S-DVI-DMMD-15'

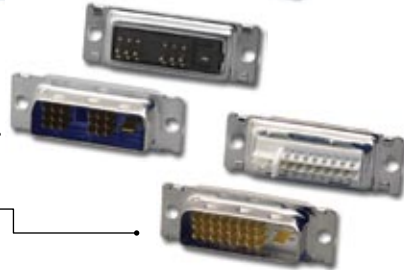


DVI CONNECTORS

- Gold Plated Contacts.

Digital Solder Type

- DVI-19M Male, Single Link
- DVI-25M Male, Dual Link
- DVI-25F Female, Dual Link



See Pg 102 for DVI Hood Kit

BULK CABLE

- 250ft. Roll
- UL Listed.

- MCC-DVI-5P3 5 Pair + 3c DVI Digital Single Link Cable
- MCC-DVI-8P3 8 Pair + 3c DVI Digital Dual Link Cable

DVI ANALOG

DVI-Analog to VGA

- DVI Output to Analog Display or Analog Output to Analog Compatible Digital Displays.
- Gold plated contacts.
- 4-40 threaded Thumbscrews on both ends.

- S-DVI-VGAMM-03'
- S-DVI-VGAMM-06'
- S-DVI-VGAMM-10'



DVI Analog to Component Video

- DVI Male to 5 BNC Female, 1ft.
- Gold Plated Contacts.

- S-DVIM5BNCF-01'



DVI ADAPTORS

- Gold Plated Contacts.
- Thumbscrews, Hex Nuts or Latches on Ends.

- AD-DVIM-VGAF DVI Analog Plug to VGA Receptacle (F)
- AD-DVIF-VGAM DVI I-Analog/Digital Receptacle to VGA Plug

- AD-DVIM-DFPOF DVI Digital Plug to DFP Receptacle (HPC20F)
- AD-DVIF-DFPOM DVI Digital Receptacle (F) to DFP Plug (HPC20M)

- AD-DVIFM-A2D DVI Analog (F) to DVI Digital Plug



DVI CONNECTORS

- Gold Plated Contacts.

Analog Solder Type

- DVI-17M Male

BULK CABLE

- 250ft. Roll
- UL Listed.

- MCC-DVI-3C1P5 3 Coax, 1 Pair + 5c DVI Analog Cable



See Pg 102 for DVI Hood Kit

DVI INTEGRATED

DVI ADAPTORS

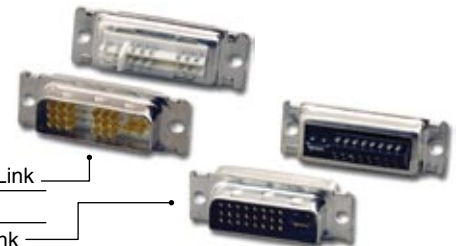
- AD-DVI-29FF Female to Female
- AD-DVI-29MF Male to Female (Port Protector)
- AD-DVI-29MM Male to Male



DVI CONNECTORS

- Gold Plated Contacts.

- DVI-23M Male, Single Link
- DVI-29M Male, Dual Link
- DVI-29F Female, Dual Link



See Pg 102 for DVI Hood Kit



DETACHABLE VIDEO CABLE

FULLY LOADED VGA

Base Cable

- Dust Cover / Threaded Dust Cap for VGA / Circular Din End.
- Full 15 Pins Connected.
- Gold Plated VGA / Circular Din Pins.
- 4.5 Pair + 3 Coax VGA Cable.
- Ridged Jacket, CL2 Rated.
- Ferrite @ VGA end.



S-H15MDX-(LL)XL2

LL= Length(ft): 15, 25, 35, 50, 75, 100.

Extension Cable

- Circular Din 15 Pins Male to Female.
- Gold Plated Contact.

S-DPX453-(LL)XL2

LL= Length(ft): 15, 25, 35, 50.



Detached Ends

- Ridged Jacket.
- HiDen15 Pin to Circular Din 15 Pin Male.
- Molded on Ferrite.

S-H15FDP-18"XL2 Female, 18 inches.

S-H15MDP-18"XL2 Male, 18 inches.

S-H15MDP-3"XL2 Male, 3 ft.

S-H15MDP-6"XL2 Male, 6 ft.



Longer or Custom Length Available

CIRCULAR DIN ADAPTORS

- 3/4" D-Cut for Panel Mount.
- Isolated Body with Washer & Nut.
- Gold Plated Pins.

DCX-DSTCP-S Dust Cap for Plug (Female Pin)

DCX-15MM Male to Male

DCX-15FF Female to Female

DCX-15MF-BH Male to Female Adaptor



SOLDER CONNECTOR KITS

- Gold Plated Contacts.
- Solder Post (Male), Solder Cup (Female).
- Attached Strain Relief.
- Screw to Lock Contact to Shell.
- Triangle Alignment Marking.

DCX-15FK Circular Din 15pin Female

DCX-15MK Circular Din 15pin Male



COMPONENT VIDEO

Trunk Cable

- 5 Coax Elements Video Cable.
- Smooth Jacket, CL2 or CMP Rated.
- Female (Jack) at Both Ends.
- Threaded Dust Cover.
- Gold Plated Contacts.

S-D2X5C-(LL) CL2 Rated

S-D2X5C-(LL)PL Plenum Rated

LL= Length(ft): 15, 25, 35, 50, 75, 100.

Extension Cable

- Circular Din 15 Pins Male to Female.
- Gold Plated Pins.

S-DPX5C-(LL) CL2 Rated

S-DPX5C-(LL)PL Plenum Rated

LL= Length(ft): 15, 25, 35, 50.

Longer or Custom Length Available

Detached Ends

- Smooth Jacket.
- Gold Plated Contact.

5 BNC (RGBVH)



S-DPSVCA-18" For SVHS + Composite Video, LR Audio RCA, 18in.

S-DPCVA-18" For Composite Video, LR Audio RCA, 18in.

S-DPSVA-18" For SVHS + LR Audio RCA, 18in.

S-DP3RCA-18" For RGB RCA, 18in.

S-DP3BNC-18" For RGB BNC, 18in. 75

S-DP4RCA-18" For RGB + Combined Sync RCA, 18in.

S-DP5RCA-18" For RGB + VHSync RCA, 18in.

S-DP5BNC-18" For RGB + VHSync BNC, 18in. 75

S-DPH15M-18" For HiDen15 Male (VGA), 18in.

S-DPH15M-03" For HiDen15 Male (VGA), 3ft.

Longer or Custom Length Available

BULK CABLES

5 Coax Elements

MCC-5C-PL-328 Plenum, UL, 5 RG-179 Coax, 328ft.

MCC-5C-2919-500 UL Style 2919, 5 RG-179 Coax, 500ft.

Paired + 3 Coax Elements

MCC-4.5P3C-2919L2 UL Style 2919, 4.5 Pair + 3 Coax, CL2 Rated VGA, 500ft Roll.

MCC-5P3C-2919-100 UL Style 2919, 100ft. Roll

MCC-5P3C-2919 UL Style 2919, 500ft. Roll

MCC-5P3C-2919-600 UL Style 2919, 600ft. Roll

See Next Page for More Type of Bulk Cables



ULTRA-THIN VGA CABLES

- Pencil Thin with 3 Micro Coax Elements.
- Gold Plated Contact.
- Low Profile Slotted Metal Thumbscrew.
- Light Weight/High Performance.
- Thumbscrews with Longer Thread Available.



Male to Male

S-H15MM(LL)'UT

LL= Length(ft): 3, 6, 10, 15.

Male to Female

S-H15MF06'UT

S-H15MF10'UT



MONITOR + AUDIO CABLES

- High Density 15 Pin Connectors Male to Male.
- Fully Loaded.
- VGA (Coax Style) Cable with Stereo. 3.5 Plug to Plug.
- One End with Ferrite for length up to 15 ft, Both Ends with Ferrite for length 25 ft and Above.
- Great for Monitor with Speaker(s) or Projector with Audio Output.



S-H15MM3.5-(LL)'XL

LL= Length(ft): 3, 6, 10, 12, 15, 25, 35, 50, 75, 100.



VGA MONITOR CABLES

- VGA Monitor Extension and Adaptor Cable.
- High Density 15 Pin Connectors.
- Full 15 Conductors; Wired Straight Through.
- 26 AWG Stranded Conductors (Unless Noted Otherwise); Mylar Foil Shielded Cable.
- Molded w/ Thumb Screws.



Male to Male

S-H15MM06'

S-H15MM10'

S-H15MM25'

Female to Female

S-H15FF-6'

S-H15FF-10'



S-H15MF

Male to Female (Extension)

S-H15MF01'(28AWG)

S-H15MF06'

S-H15MF10'

S-H15MF25'

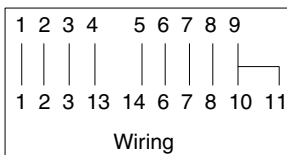
DB9 to High Density 15 Pin Adaptor Cable

S-9M15HF-6'

S-9M15HM-6'

S-9F15HF-6'

S-9F15HM-6'



Super VGA (Coax Style) Cable

- 4.5 Twisted Pair + 3 Coax Elements.
- Braided and Foil.
- Black, Ridged Cable Jacket.
- All 15 pins, Fully Loaded Connection.
- Gold Plated Contacts.
- 4-40 Threaded Thumbscrew Ends.
- One End with Ferrite for Length up to 15 ft, Both Ends with Ferrite for Length 25 ft and Above.

Male to Male

S-H15MM(LL)'XL

Male to Female (Extension)

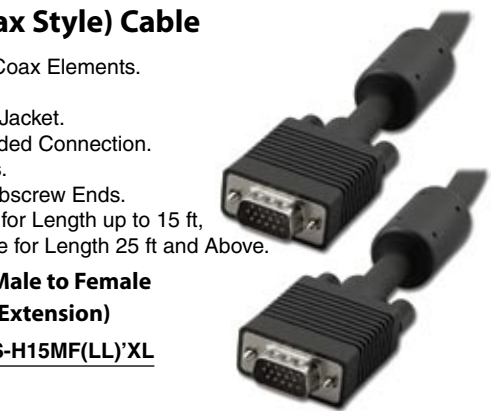
S-H15MF(LL)'XL

LL= Length(ft): 3, 6, 10, 15, 25, 35, 50, 75, 100.

Non-Ferrite

S-H15MM10'XLNF

S-H15MM15'XLNF



CL2 Rated

- Beige, Ridged Cable Jacket.

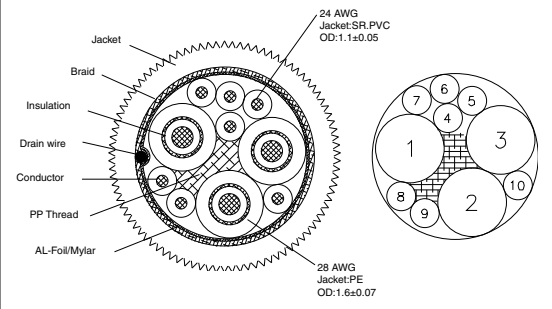
S-H15MM(LL)'XL2

LL= Length(ft): 25, 35, 50, 75, 100.



Cable Style: UL1354 3 elements of 28 AWG Video Coaxial Cables, 7 elements of 24 AWG Control Wires
Shielding, O.D= 9.3±0.5mm
Jacket Color Black

MCC-7+3C-1354



BULK CABLES

MCC-4.5P3C-2919L2 UL CL2 Style 2919, 4.5 Pair + 3 Coax, for VGA, 500ft.

MCC-5C-20276-328 UL Style 20276, 5 Mini-59 Coax, 328ft(100m).

MCC-5P3C-2919-600 UL Style 2919, 600ft. Roll

MCC-7+3C-1354 UL Style 1354, 500ft. Roll -See Above for Details

MCC-VKMZ-250 VKM ZIP Cable, 250ft.

See Pg 92 for Adaptors.

See Previous Page for More Type of Bulk Cables

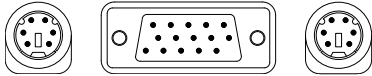


VIDEO, KEYBOARD & MOUSE COMBINATION CABLES

- Each Side Contains 2 PS/2 Ends, One VGA End.
- Color Coded PS/2 End (Green & Purple) & Icon Marking to Differentiate Between Mouse & Keyboard Port.
- Use for VKM Switches (See Pg 93).
- Thumb Screws on VGA Connections.
- Dust Caps on Ends.
- Gold Plated Contacts.

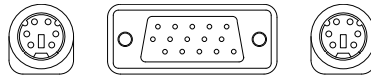
Combinations

"A" End Combination



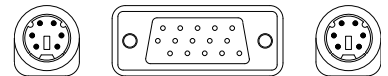
2-PS2/Male, VGA/Male

"B" End Combination



2-PS2/Female, VGA/Female

"C" End Combination



2-PS2/Male, VGA/Female

Ultra Compact

- Pencil Thin, with 3 Micro Coax Elements.
- Unobstrusive and Light Weight.
- Maintaining the same Signal Integrity of Thicker Cables.

"A" End to "A" End

- S-VKMU-03'
- S-VKMU-06'
- S-VKMU-12'
- S-VKMU-18'



"A" End to "C" End

- S-VKMU-VMF-03'
- S-VKMU-VMF-06'
- S-VKMU-VMF-12'
- S-VKMU-VMF-18'



Combo : 3 IN 1 Cable

- Combined Three Functions into One Single Cable Jacket.
- Full Range of Flexibility.

"A" End to "A" End

- S-VKMC-03'
- S-VKMC-06'
- S-VKMC-12'
- S-VKMC-18'
- S-VKMC-25'



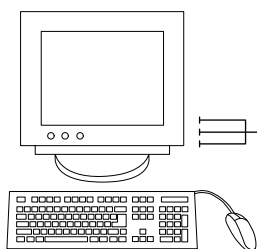
"A" End to "C" End

- S-VKMC-VMF-03'
- S-VKMC-VMF-06'
- S-VKMC-VMF-12'
- S-VKMC-VMF-18'
- S-VKMC-VMF-25'



"A" End to "B" End (Extension Cable)

- S-VKMC-MF-03'
- S-VKMC-MF-06'
- S-VKMC-MF-12'

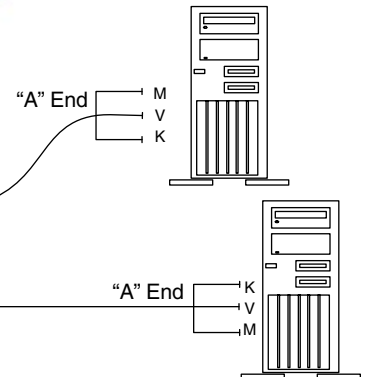


Attached Directly to Switch or Use Extension Cable

VKM-E2001M



front
M
V
K
back
V
K
M



See Page 93-95 for Other Switch Boxes



RGB MONITOR CABLES

- Double shielded, Low Voltage Computer Cable
- Gold Plated Contacts
- 75 Ω BNC Connectors
- Color Coded BNC Connections: Red, Green, Blue, Vertical Sync., Horizontal Sync.

5 BNC to 5 BNC

S-2X5BNC-(LL) 5 BNC to 5 BNC 75Ω Video Cable.



S-2X5BNC-06'

LL= Length(ft): 6, 10, 15, 25, 35, 50, 75, 100.

HD15(VGA) to 5 BNC

S-H15F5BNC-01' MultiSync, HiDen 15pin Female to 5 BNC Male, 1ft

S-H15F5BNCF-(LL) MultiSync, HiDen 15pin Female to 5 BNC Female

LL= Length(ft): 1, 6.

S-H15M5BNCF-(LL) MultiSync, HiDen 15pin Male VGA to 5 BNC Female

LL= Length(ft): 1, 3, 6, 10.

S-H15M5BNC-(LL) RGB to VGA, HiDen 15pin Male to 5 BNC Male

LL= Length(ft): 0.5, 3, 6, 10, 15, 25, 35, 50, 100.



S-H15M5BNC-10'



S-H15M5BNC-6'

DB9 to 4 or 5 BNC

S-9M4BNC-06' DB9 to RGB (4 BNC) Monitor Cable, 6ft.

S-9M5BNC-06' DB9M to 5 BNC Cable, 6ft.

DVI to 5 BNC

S-DVIM5BNCF-01' DVI Analog Male to 5 BNC Female, 1ft.



13W3 TYPE

S-13W3MM-06' Coaxial D-Sub M/M CBL with Ferrite Core.

S-13W3M5BNC-06' Coaxial D-Sub to RGB (5 BNC) Cable, 6ft.

S-13W3M15HM-06' Coaxial D-Sub to HD15 VGA Male/Male Cable.



Please Call for Custom Length

PREMIUM BNC RG-59 PATCH CABLE

- 75 Ohm BNC Male to Male.
- Molded Strain Relief.
- Gold Plated Pins.
- Solid Bare Copper Center.
- 95% BC Braid.
- Individually Packed in Poly Bag.



MMA-B59-(LL)BK

LL= Length(ft): 1, 2, 3, 6, 8, 10, 15, 20, 25, 35, 50, 75, 100.

"F" MOLDED CABLE

- F Plugs with Molded Strain Relief.
- RG-6 Solid CCS Center Conductor.
- 60% Aluminum Braid + Foil Shielding.
- Individually Packed in Poly Bag.



MMA-F6-(LL)BK Black

MMA-F6-(LL)WH White



Available Footage (LL): 03, 06, 10, 15, 20, 25, 35, 50, 75, 100.

CCTV BNC SIAMESE PATCH CABLE

- 75 Ohm BNC Male to Male.
- Gold Plated BNC Pins.
- Braid + Foil Coaxial Shielding.
- DC Power Plug to Jack



MMA-B59DCX-(LL)



Signal + DC Jack



Signal + DC Plug

LL= Length(ft): 15, 25, 35, 50, 75, 100, 150.

COAX BULK CABLES

- 1000 ft. Reel Boxes.
- Gas Injected Foam Insulation.
- UL Rated, UV Jacket.



PCC-59200 20 AWG BC Center RG-59, 98% BC-Braid, Black.

PCC-66800 18 AWG CCS Solid RG-6, 60% Braid+Foil, Black.

PCC-66801 18 AWG CCS Solid RG-6, 60% Braid+Foil, White.

PCC-66840 18 AWG CCS RG-6Quad, 60/42% Braid+Foil, Black.

PCC-66841 18 AWG CCS RG-6Quad, 60/42% Braid+Foil, White.

SIAMESE CABLE

- 20 AWG Solid Bare Copper Center RG-59.
- 98% Bare Copper Braid.
- 18AWG Stranded Twisted Pair.
- Gas Injected Foam Insulation.
- UL CL2 Rated, UV Jacket.

PCC-59227 Black, 500ft. Reel Box.

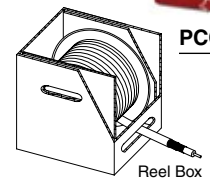
PCC-59228 Black, 1000ft. Roll in Box.

PCC-59229 White, 500ft. Reel Box.

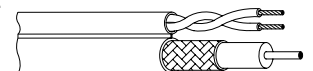
PCC-59231 White, 1000ft. Roll in Box.



PCC-66800



Reel Box





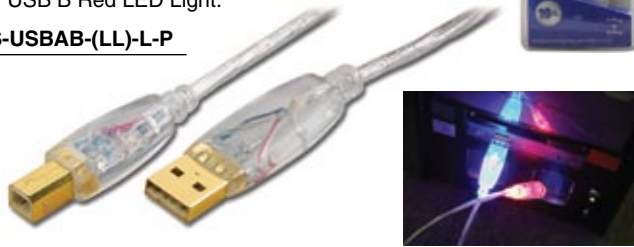
USB CABLES

LED LIGHTED USB CABLES

- USB v2.0
- Clear LED Embedded Body.
- Gold Plated Contacts.
- Sealed Blister.
- USB A Blue LED Light.
- USB B Red LED Light.

S-USBAB-(LL)-L-P

LL= Length(ft): 3, 6, 10, 15.



USB CABLES

- USB v2.0
- Gold Plated Body and Contact.
- Color Coded Connectors.
- 20 AWG Power Pair
- Sealed Blister

S-USBAA0-(LL)-P

S-USBAB0-(LL)-P

LL= Length(ft): 3, 6, 10, 15.

S-USBAMF0-(LL)-P

LL= Length(ft): 3, 6, 10.



USB CABLES

- USB v2.0
- Gold Plated Contacts.
- 22 AWG Power Pair, 28 AWG Signal Pair.

S-USBAA2-(LL)' USB A To A

LL= Length(ft): 18", 3, 6, 10, 15.



- USB A Plug To A Jack, 22 AWG Power Pair
- Bracket Mountable.

S-USBAMF2-(LL)'

LL= Length(ft): 8", 3, 6, 10.

See Pg 85 for Bracket



- USB A To B, 22 AWG Power Pair

S-USBAB2-(LL)'

LL= Length(ft): 18", 3, 6, 10, 15.



- USB B To B, 22 AWG Power Pair

S-USBBB2-(LL)'

LL= Length(ft): 3, 6, 10, 15.



Black

S-USBAB2-06BK

S-USBAB2-10BK



- USB A To B, 24 AWG Power Pair

M-USBAB4-(LL)'

LL= Length(ft): 3, 6, 10.



- UL Listed
- 22 AWG Power Pair (Unless Noted Otherwise)
- 24 AWG Signal Pair

S-USBAA0-5'



- USB A Plug To A Jack, 24 AWG Power Pair

M-USBAMF4-06'



EZ USB CABLES

- Stretched and Zipped.
- Gold Plated Contacts.

S-EZUSB-AA USB A Male to A Male

S-EZUSB-AB USB A Male to B Male

S-EZUSB-A5MN USB A Male to 5 Pin Mini USB

S-EZUSB-AMF USB A Male to A Female Extension Cable



EZ USB-DC POWER CABLES

- Stretched and Zipped.

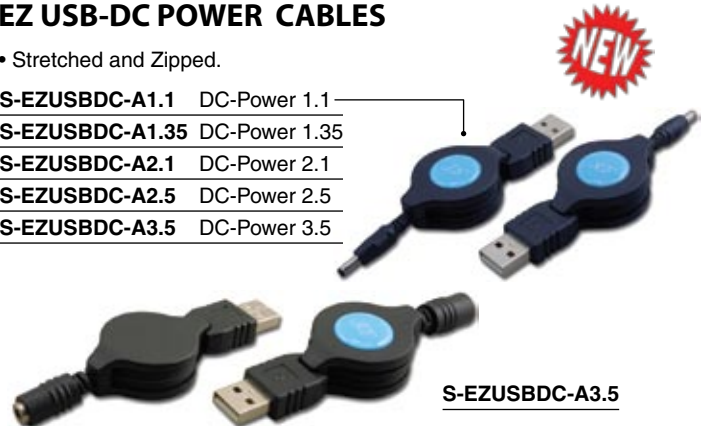
S-EZUSBDC-A1.1 DC-Power 1.1

S-EZUSBDC-A1.35 DC-Power 1.35

S-EZUSBDC-A2.1 DC-Power 2.1

S-EZUSBDC-A2.5 DC-Power 2.5

S-EZUSBDC-A3.5 DC-Power 3.5



S-EZUSBDC-A3.5



USB HUB

The electronic interface between devices

- Automatically select self-powered or bus-powered model Easy installation of large range self-powered mode
- Surge Protection
- Automatically hand USB protocol
- Support both full speed and low speed devices
- Downstream ports have automatic packet connectivity and speed detection functions
- Higher than 8KV in-circuit ESD protection 8 Advanced USB downstream connection indicators that blink during data transmission
- Compatible with Windows 95, OSR 2.1, Windows 9.8 beta

HUB-USB-2A 1 Host to 2 Devices; 70 x 50 x 25 mm
Pocket Style two port HUB. Designed especially for travellers.
Used with Note-book Computer for USB system peripheral accessories connection.

HUB-USB2.0-4A	USB V2.0 HUB 1 Port to 4 Ports A
HUB-USB-5A	1 Host to 5 Devices; 125 x 85 x 30 mm
HUB-USB-7A	1 Host to 7 Devices; 125 x 85 x 30 mm



HUB-USB2-4AUC V2.0 Ultra Compact, 4 Port HUB
HUB-USB2-4AUT V2.0 Ultra Compact, 4 Port HUB with DC Adaptor
HUB-USB-MNI-4AN Mini USB Hub, 4 Port with Extension

USB HOST CARD

- Add 2 USB root-HUB Ports to Desktop PC
- Maximum 500mA Power Current on Each Port
- Over Current Protection
- Full-Speed and Low-Speed Transfer Rate
- Chains Up to 127 USB Devices
- Windows 98 Device Drivers Automatic Installation
- Truly Plug & Play Automatic System Configuration
- USB and ACPI Compliant

INT-PCI-USB USB Ports Host Interface Card (PCI)

INT-PCI-USB-V2.0 USB 2.0 5 Ports Host Interface Card (PCI)



USB To IEEE-1284 PRINTER CABLE

- Full compliance with the USB spec. 1.0
- Low power consumption and is powered from USB connection.
- Full compatible USB host device drivers available
- Transparent fully automatic support for true bidirectional communication
- Hardware initiates and manages automatic negotiation for the fastest protocol available
- Supports standard PC parallel port register-based operation
- Supports multiple logical channels
- Maximum throughput: 1,216 Mbytes/s (ECP mode)
- Allows current Microsoft windows printer drivers to print seamlessly to USB
- Fully Plug & Play compatible

AD-USB-C36M



FUNCTION	DESCRIPTIONS
Power Supply	BUS Power from USB Cable
Voltage	+5V
Current	80mA (Max.)
Cable Length	6ft. (180 cm) AWG 28/24
Input Connector	USB Type A Plug
Output Connector	Centronics, 36 Pin Male
Operation Temperature	5°C ~ 40°C
Stock Temperature	-20°C ~ 60°C
Humidity	20% ~ 80% RH, Non-Condensing
Enclosure	Plastic
Weight	110g
Dimension	43 x 53 x 19.5 (mm)

USB ADAPTORS

AD-USB-AFMD6M	USB Type A Female To PS2 Male
AD-USB-AM/MD6F	USB Type A Male To PS2 Female
AD-USB-AFBF	USB Type A Female To Type B Female
AD-USB-AFBM	USB Type A Female To Type B Male
AD-USB-AMBF	USB Type A Male To Type B Female
AD-USB-AFF	USB Type A Female To Type A Female
AD-USB-AMM	USB Type A Male To Type A Male
AD-USB-BFF	USB Type B Female To Type B Female
AD-USB-BMM	USB Type B Male To Type B Male

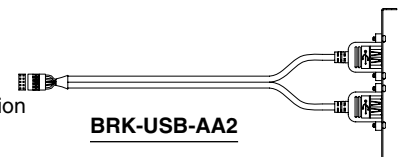


AD-USB-AFMD6M

AD-USB-AM/MD6F

USB BRACKET

- Dual Port with Bracket,
- To main Board's USB Connection
- USB A Type Jack



BRK-USB-AA2



USB MINI CONNECTOR CABLES

- Used Mostly in Digital Camera and Other Space Limited Appliance and Applications
- USB A Plug to Mini B Plug, 28 AWG Power Pair

Digital Camera:

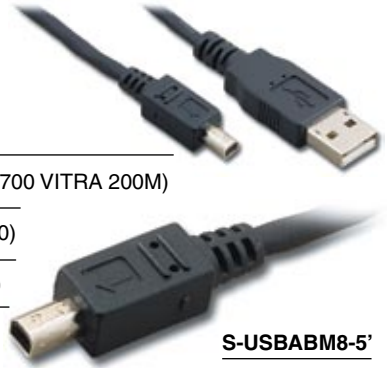
Brand	Model
• Sony	(DSC-S85) • (MVC CD-300) (DSC-P50) • (MCV-FD92) (DSC-P30) (DSC-S50)
• Canon	(A-20) • (A-10)
• Richo	(RDC-1500)



S-USBABM8-1-5'

Digital Camera:

Brand	Model
• Olympus	(C-3040 200M) • (C-700 VITRA 200M)
• Kodak	(DC-4800) • (DX3500)
• Sony	(DSC-505V) • (S-70)
• Samsung	(210SE)



S-USBABM8-5'

OTHER USB DEVICES

USB to PS2 & Serial Adaptor

ADL-USB-D9MS	USB A/M to DB9M RS232 Adaptor
ADL-USB-2PS2	USB to 2 PS/2 Port Adaptor HUB
ADL-USB-2PS2Y	USB to 2 PS/2 Port Adaptor
ADL-USB-S+2PS2	USB to DB9M & 2 PS/2 Port Adaptor HUB

USB Link and Extension

ADL-USB-LINK	USB A Port to A Port Link Cable
ADL-USB-LINK2	USB 2.0 Port to Port Link Cable
ADL-USB-EXT16	USB Active Extension, AM/AF, 16ft.
ADL-USB-EXT16-B	USB Active Extension, AM/AF, 16ft.

USB Light

ADL-USB-LITE	USB Laptop Light
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USB Miscellaneous Adaptors

ADL-USB-110-BT	USB 2.0 to 10/100 Base T Ethernet
ADL-USB-RCHGR	110 Volts Wall Plug to USB A Jack Power Adapter



ADL-USB-RCHGR



ADL-USB-110-BT



ADL-USB-S+2PS2



ADL-USB-2PS2Y



ADL-USB-D9MS

USB BULK CABLE

- 250ft. Roll
- UL Rated.

MCC-USB-0-250	20 AWG Power, 24 AWG Signal
---------------	-----------------------------

MCC-USB-2-250	22 AWG Power, 28 AWG Signal
MCC-USB-4-250	24 AWG Power, 28 AWG Signal
MCC-USB-6-250	26 AWG Power, 28 AWG Signal
MCC-USB-8-250	28 AWG Power, 28 AWG Signal



USB SWITCH BOXES

ABM-USB-2B	2B In, 1A Out
ABM-USB-4B	4B In, 1A Out

ABM-USB-2	2-Way
ABM-USB-4	4-Way



USB CELLPHONE CHARGER



CPC-USB-NK Nokia



CPC-USB-MT Motorola



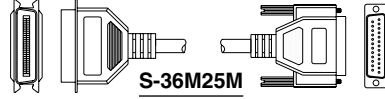
PARALLEL PRINTER CABLES

- RS232 25 Pin Male to Centronic 36 Pin Male
- Molded w/ Thumb Screw
- Full Length Mylar Foil Shield
- 25 Wires; 26 AWG Stranded Conductors, an absolute must for bidirectional parallel port
- Ground Indented D-SUB Connectors



RS232 Male to Centronic Male

S-36M25M-(LL)'



LL= Length(ft): 2, 6, 10, 15, 25, 50, 100.

R = Right Angle (Exit Right)

S-36M25M-(LL)'R



L = Left Angle (Exit Left)

S-36M25M-(LL)'L



LL= Length(ft): 6, 10, 15.



CENTRONIC CABLES (Parallel)

- Centronic 36 Pin Connectors
- Full 36 Conductors; Wired Straight Through
- 26 AWG Stranded Conductors
- Molded, Mylar Foil Shielded Cable



Male to Female

Male to Male

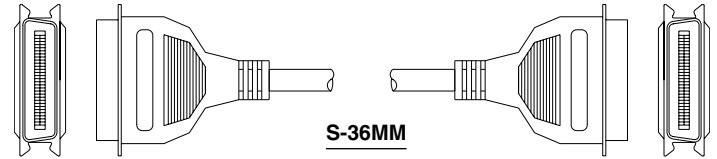
S-36MF-18'

S-36MF-6'

S-36MF-10'

S-36MM-6'

S-36MM-12'



S-36MM

RS232 25 PIN CABLES (Serial)

- RS232 Dual 25 Pin
- Molded w/ Thumb Screw
- Full Length Mylar Foil Shield
- Fully Wired Straight Thru, 26 AWG Stranded Conductors
- For PC Serial Port and/or RS232 Type Applications
- Ground Indented D-Sub Plugs



25 Pin Male to Female

S-25MF-(LL)'



S-25M

25 Pin Male to Male

S-25MM-(LL)'

LL= Length(ft): 2, 3, 6, 10, 15, 25, 50, 100.

25 Pin Female to Female

S-25FF-(LL)'

LL= Length(ft): 2, 6, 10, 25, 50, 100.



S-25F

RS232 9 PIN CABLES (Serial)

- RS232 Dual 9 Pin
- Molded w/ Thumb Screw
- Full Length Mylar Foil Shield
- Fully Wired Straight Thru, 26 AWG Stranded Conductors
- For PC Serial Port and/or RS232 Type Applications
- Ground Indented D-Sub plugs



9 Pin Male to Female

S-9MF-(LL)'



S-9FF

9 Pin Male to Male

S-9MM-(LL)'

LL= Length(ft): 3, 6, 10, 15, 25, 50, 100.

9 Pin Female to Female

S-9FF-(LL)'

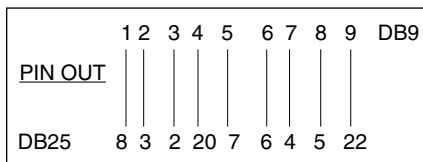
LL= Length(ft): 3, 6, 10, 25, 50.



S-9MM

AT SERIAL ADAPTOR CABLES

- RS232 25Pin to 9 Pin
- Adapts Serial Port to RS232 Devices, i.e Modems, Printers
- Molded w/ Thumb Screws
- 9 Wires; 26 AWG Stranded Conductors
- Full Length Mylar Foil Shielded



S-25M9F

25 Pin Male to 9 Female

S-25M9F-(LL)'

LL= Length(ft): 1, 3, 6, 10, 15, 25.

25 Pin Male to 9 Male

S-25M9M-(LL)'

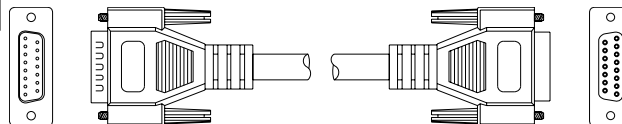
LL= Length(ft): 3, 6, 10, 15, 25.

25 Pin Female to 9 Female

S-25F9F-(LL)'

LL= Length(ft): 3, 6, 10.

S-25M9F





COMPUTER CABLE ASSEMBLIES

NULL MODEM CABLES & KITS

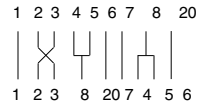
- 26 AWG Stranded Conductors
- Full Length Mylar Foil Shield
- D-Sub Plugs w/Grounding Indents
- Molded w/Thumb Screws (Null Modem Cable ONLY)
- Pin Out Diagram



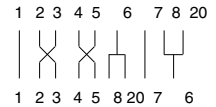
S-25NM2-(xx)'

DB25 TO DB9 NM CABLE

DB25	DB9
2	2
3	3
4	8
5	7
7	5
8	4
20	1, 6



S-25NM2 Wiring



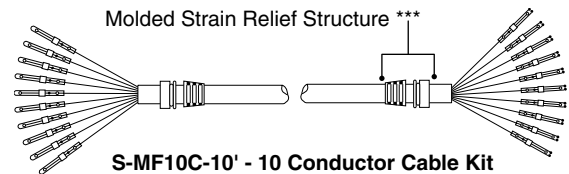
S-25NM3 Wiring

S-25M9F-NM-6'	DB25M to DB9F Null Modem Cable
S-25M9F-NM-10'	DB25M to DB9F Null Modem Cable
S-25NM2-10'	DB25 Standard Null Modem Cable, Male to Female
S-25NM2A-10'	DB25 Null Modem F/F 10ft Cable
S-25NM3-6'	Full Handshake
S-9NM-6**	DB9 Null Modem Cable, Male to Female
S-9NM-10**	DB9 Null Modem Cable, Male to Female
S-9NM2A-6**	DB9 Null Modem F/F Cable
S-9NM2A-10**	DB9 Null Modem F/F Cable
S-9NM2A-10'-BG	DB9 Null Modem F/F Cable, Beige Color
S-9NM2A-25'	DB9 Null Modem F/F Cable
S-MF10C-10***	Pin Terminated, 10ft, 10 conductor Cable M/F
S-MM10C-10***	Pin Terminated, 10ft, 10 conductor Cable M/M

* Pin Out See AD-D9NM Pg 90.

** Hood & Thumb Screw Included.

• Be sure to order the proper Crimp Housing.



S-MF10C-10' - 10 Conductor Cable Kit

*** To Work in Conjunction with Snap on Hood

CISCO ROUTER CABLES

- Serial cables connecting the network system to the serial devices of the network. Used in the Cisco 7000 family, Cisco 4000 Series, Cisco 3600 Series, Cisco 2500 Series, Cisco 1600 Series, Cisco access Servers, and Access Pro PC cards.



S-CS35M-3M

CISCO Part #	PAN PACIFIC Part #
CAB-V35MT-3M	S-CS35M-3M
CAB-V35FT-3M	S-CS35F-3M
CAB-232MT-3M	S-CS232M-3M
CAB-449MT-3M	S-CS449M-3M
CAB-530MT-3M	S-CS530M-3M

S-CS232F-3M	DB-60 Male to DB-25 Female. Verified to EIA/TIA-232 Standard
S-CS232M-3M	DB-60 Male to DB-25 Male. Verified to EIA/TIA-232 Standard.
S-CS35F-3M	DB-60 Male to V.35 Female. Verified to V.35 Standard.
S-CS35M-3M	DB-60 Male to V.35 Male. Verified to V.35 Standard.
S-CS449M-3M	DB-60 Male to DB-37 Male. Verified to EIA/TIA-449 Standard
S-CS530M-3M	DB-60 Male to DB-25 Male. Verified to EIA-530 Standard.
S-CSVH26MM-(L)'	Smart Serial, VH26 M/M
S-CS60MM-(L)'	HD-60 M/M DTE/DCE

Available Footage (L): 1, 2, 6.

OTHER D-SUB CABLES

- DB37 pin or DB15 pin
- 26 AWG Stranded Conductor
- Full Length Mylar Foil Shield
- D-Sub Plugs w/Grounding Indents
- Molded w/Thumb Screws



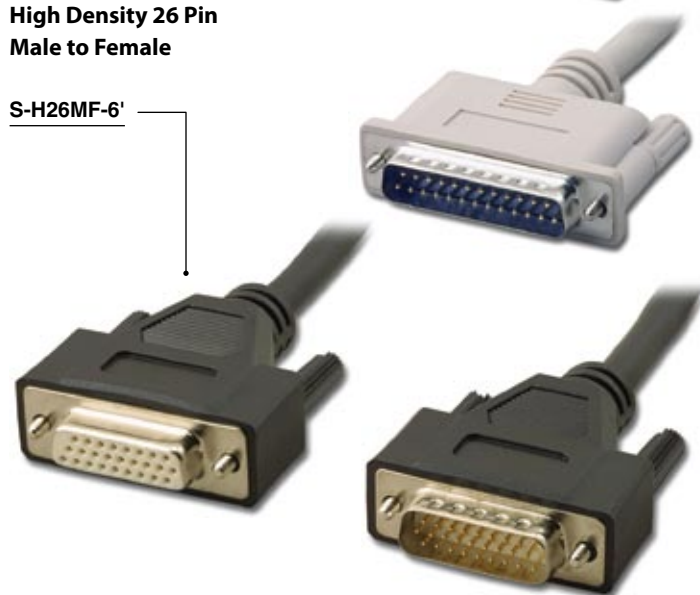
25 Pin Male to HiDen 44 Pin Female

S-25M44F-3'



High Density 26 Pin Male to Female

S-H26MF-6'



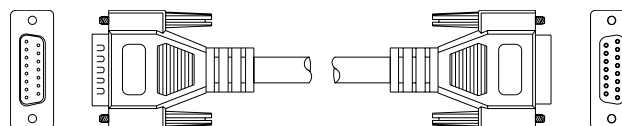
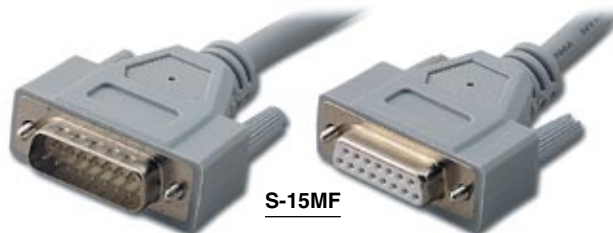
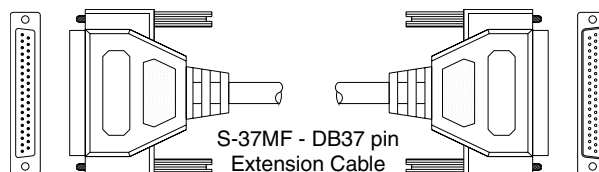


OTHER D-SUB CABLES

- DB37 pin or DB15 pin
- 26 AWG Stranded Conductor
- Full Length Mylar Foil Shield
- D-Sub Plugs w/Grounding Indents
- Molded w/Thumb Screws



S-15MF-6'	15 Pin Extension Cable
S-15MF-10'	
S-15MF-15'	
S-15MF-25'	
S-15MM-6'	15 Pin Male to Male Cable
S-15MM-10'	
S-15MM-15'	
S-37MF-10'	37 Pin Extension Cable
S-37MF-10TW	37 Pin Male to Female Cable, Twisted Pair Double shielded with Drain wire
S-37MM-10TW	37 Pin Male to Male Cable, Twisted Pair Double shielded with Drain wire
S-37MM-10'	37 Pin Male to Male Cable



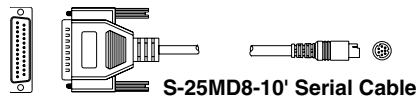
S-15MF - DB15 pin Extension Cable

Mac SERIAL CABLES

- Mini Din 8 Pin Apple Connections
- Regular Wiring for Printing Application; Straight Thru Wiring, Wired Pin to Pin, for Switch Box Application. (See Below)
- Molded, Shielded, 26AWG Conductors
- **Special Wiring Available, Please Call**



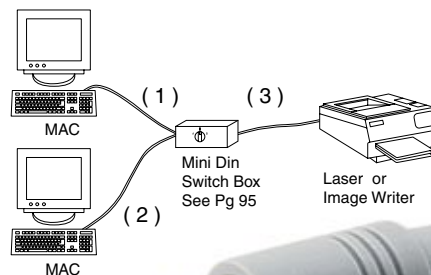
S-25MD8-10'	DB25 Male to Mini Din 8 Pin Male, 10ft
S-25MD8-10'-MH	Mac to Hayes and Compatible Modem Cable
S-25MD8-10'-LZ	Mac to HP & Compatible Laser Printer Serial Cable
S-25MD8-10'-SI	Apple II , Ile, II+ to Image Writer Cable



PIN OUT							
Standard		LZ		MH		SI	
DB25P	MD8P	DB25P	MD8P	DB25P	MD8P	DB25P	MD8P
SHELL	SHELL	1	SHELL	1	SHELL	1	SHELL
1	1	2	3	2	3	2	3
2	2	3	5	3	5	3	5
3	3	4	1	5	2	7	4
4	4	5	2	7	4	7	8
10	5	7	4	20	1	8	2
23	6	7	8			20	1
24	7	20	1				
25	8						

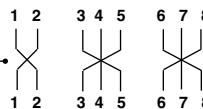
- Mini Din 3: Apple Talk
- Mini Din 4: Mac Serial (Keyboard & Mouse); for Super VHS Cable, **See MMA-SVHS-(XX) pg 98**
- Mini Din 8: Mac Printer, etc
- Mini Din 8: **Regular Wiring** for Printing Application; **Straight Thru Wiring**, Wired Pin to Pin, for Switch Box Application. (See Figure)
- Molded, Shielded, 26AWG Conductors

Mac DIN CABLES



- (1) & (2) use ST Wiring (S-8MDM-6'ST or 10'ST)
- (3) use regular Wiring (S-8MDM-6' or 10')

S-3MDM-10'	3 Pin Mini Din Male to Male Cable
S-3MDM/F-10'	3 Pin Mini Din Male to Female Extension Cable
S-4MDM-10'	4 Pin Mini Din Male to Male Cable
S-4MDM/F-6'	4 Pin Mini Din Male to Female Extension Cable
S-4MDM/F-10'	
S-8MDM-6'	8 Pin Mini Din Male to Male Cable
S-8MDM-10'	Mirror image Pin-Out
S-8MDM-25'	
S-8MDM-6'ST	8 Pin Mini Din Male to Male, Straight Thru Cable
S-8MDM-10'ST	



S-8MDM



COMPUTER CABLE ASSEMBLIES

IEEE PRINTER CABLES

A Stands for DB25/M
B Stands for C36/M
C Stands for HPC36/M

- Soft and Flexible Jacket.
- 28AWG, Twisted Pair
- Double Shielded
- Will Work for All IEEE-1284 Required Printers & Peripherals.

S-IEEE-1284-AA(LL)'B DB25 Male to Male (Length in Feet)

LL= Length(ft): 3, 6, 10, 15, 25.

S-IEEE-1284-AAF(LL)'B DB25 Male to DB25 Female Extension Cable (Length in Feet)

LL= Length(ft): 3, 6, 10, 15, 25.



S-IEEE-1284-ABLLB

S-IEEE-1284-AB(LL)'B DB25 Male To Centronic 36 Male, Printer Cable (Length in Feet)

LL= Length(ft): 3, 6, 10, 15, 25.

S-IEEE-1284-AC(LL)' DB25 Male to Half Pitch Centronic 36 Male (Length in Feet)

LL= Length(ft): 3, 6, 10, 15, 25.

S-IEEE-1284-BC(LL)' Centronic 36 Male to Half Pitch Centronic 36 Male (Length in Feet)

LL= Length(ft): 3, 6, 10.

S-IEEE-1284-CC(LL)' Half Pitch Centronic 36 Male to Male (Length in Feet)

LL= Length(ft): 3, 6, 10.

Please Call for Custom Length

KEYBOARD & MOUSE CABLE

- Din 5 Pin or Mini Din 6 Pin
- AT, PS-2 Type Keyboard or Mouse Extension Cable
- MIDI Cable (Music Instrument Digital Interface)
- Molded Shielded, 26 AWG Conductors Wired Straight Through



AT type Keyboard Extension Cables

S-5DK-6' Male to Female **Coiled, Black** Cable

S-5DMF-6'G Male to Female **Non-Coil Gray** Cable

S-5DMF-10'G

S-5DMM-6'G Male to Male **Non-Coil Gray** MIDI Cable

S-5DMM-10'G

PS2 To AT Keyboard Adaptor Cords, Din to Mini-Din

S-ATK-6" PS-2 Keyboard to AT Adaptor Cord, 5D/M-MD6/F, 6 in

S-PS-2-6" AT Keyboard to PS-2 Adaptor Cord, 5D/F-MD6/M, 6 in

S-UNVKY-1' Universal Keyboard Adaptor Cord, 1 ft

PS2 Type Keyboard & Mouse Extension Cables

S-6MDM-(LL)' 6 Pin Mini Din Male to Male Cable
LL= Length(ft): 6, 10, 15, 25, 30.

S-6MDM/5DM-6' 6 Pin Mini Din to 5 Pin Din Cable

S-6MDM/5DM-10'

S-6MDM/F-(LL)' 6 Pin Mini Din Male to Female Extension Cable
LL= Length(ft): 3, 6, 10, 15, 25.

M-6MDM/F-06'M 28 AWG

M-6MDM/F-10'M 28 AWG

S-9M/MD6M-6" Mouse Port Adaptor Cable 6"

AC POWER CORDS

- DC Adaptor Extension from Outlet.
- Fit on Power Strip.
- Duplicate Power Port.
- UL Rated.



S-PWR-MF-12"
S-PWR-MFX2-12"

PC POWER CORDS

- All UL, CSA Listed Cables
- 60°C 18 AWGX3 Conductors
- Choice of **Gray (G)** or **Black (BK)**; different lengths available

S-EXT-(LL)'BK
S-EXT-(LL)'G



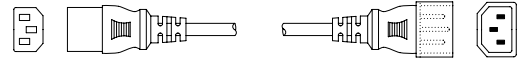
S-PSC-12'G



S-PWR-12'G

S-PSC-(LL)'BK
S-PSC-(LL)'G

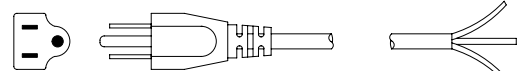
S-PWR-(LL)'BK
S-PWR-(LL)'G



LL= Length(ft): 6, 12.

S-EXT-6' Computer Power Extension

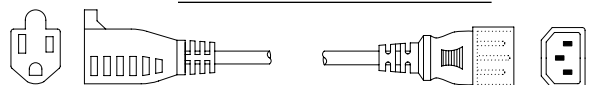
S-PWR/F-18"
S-PWR/F-3'
S-PWR/F-6'



S-PSC-6' Power Cable w/ Stripped End



S-PWR-6' Power to Computer



S-PWR/F-3' Monitor to Computer



AT SERIAL ADAPTOR CABLES

- RS232 25Pin to 9 Pin
- Adapts Serial Port to RS232 Devices, i.e Modems, Printers
- Molded w/ Thumb Screws
- 9 Wires; 28 AWG Stranded Conductors
- Full Length Mylar Foil Shielded



M-9F25M-06'M
M-9F25M-12'M



RS232 9 PIN CABLES (Serial)

- RS232 Dual 9 Pin
- Molded w/ Thumb Screw
- Full Length Mylar Foil Shield
- Fully Wired Straight Thru, 28 AWG Stranded Conductors
- For PC Serial Port and/or RS232 Type Applications
- Ground Indented D-Sub plugs



M-9FF-06'M M-9MM-06'M M-9MF-06'M
M-9FF-10'M M-9MM-10'M M-9MF-10'M
M-9FF-15'M



M-9MF-xx'M

LAP LINK CABLES

- A Cable used to connect two computers so that one can access data, run programs and transfer files form one computer to another
- Used for Parallel File Transfer

M-25MM-06'LPL
M-25MM-10'LPL
M-25MM-15'LPL
M-25MM-25'LPL



Wiring:

From 25 Male Pin #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
To 25 Male Pin #	1	15	13	12	10	11	7	8	9	5	6	4	3	14	2	16	17	18	19	20	21	22	25	24	25


Centronic & PS2 Type Extension Cables

- Centronic 36 Pin Connectors
- Full 36 Conductors; Wired Straight Through
- 28 AWG Stranded Conductors
- Molded, Mylar Foil Shielded Cable



M-36MM-06'M

- 6 Pin MiniDIn Male to Female Extension Cable

M-6MDM/F-06'M 
M-6MDM/F-10'M



PARALLEL PRINTER CABLES

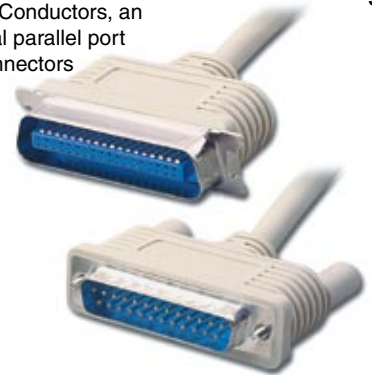
- RS232 25 Pin Male to Centronic 36 Pin Male
- Molded w/ Thumb Screw
- Full Length Mylar Foil Shield
- 25 Wires; 28 AWG Stranded Conductors, an absolute must for bidirectional parallel port
- Ground Indented D-SUB Connectors



M-36M25M-06M
M-36M25M-10M
M-36M25M-6M-FR*
*(Cable with Ferrite)

Molded (18C)

M-IBM-06'M
M-IBM-10'M



RS232 25 PIN CABLES (Serial)

- RS232 Dual 25 Pin
- Molded w/ Thumb Screw
- Full Length Mylar Foil Shield
- Fully Wired Straight Thru, 28 AWG Stranded Conductors
- For PC Serial Port and/or RS232 Type Applications
- Ground Indented D-Sub Plugs



M-25MF-06'M
M-25MF-10'M
M-25MF-25'M

M-25MM-06'M
M-25MM-10'M
M-25MM-25'M



M-25MF



ADAPTOR CABLES & BULK CABLE

IEEE CABLES & CONNECTOR

- Double Shielded, Twisted Pair Low Noise Cable
- Gold plated Conductors
- GRIB-IEEE Cable
- Awm Style 2464 VW-1 SR-PVC 80°C 300V 26AWG

I3E-488 Connector Kit for IEEE-488 Cable

- S-IEEE-488-1**
- S-IEEE-488-2**
- S-IEEE-488-3**
- S-IEEE-488-5**
- S-IEEE-488-10**

Length in **meters**
Custom length available



FireWire

I3E-1394-6R-PCB 6 Pin Right Angle PCB Socket



JOYSTICK SHARING

Two Joysticks share one connection



S-Y-15M/FX2
S-Y-25M/FX2

PRINTER SHARING

Connects two computer to a printer. Allows only one of them to access the printer at any one time. The two computers CAN NOT access the printer simultaneously.



S-Y-25F/FX2

MONITOR SHARING

Allows one computer to use two monitors. The content of the computer may be shown on two monitors simultaneously.



S-Y-H15M/FX2

KEYBOARD, MOUSE, OR TOUCH-PADS SHARING

Connects two mouse or touch-pads to a computer.

Can use only one at a time.

DB9 Female IN; Two DB9 Male OUT.

Connects two Keyboards to a Computer.



S-Y-D5M/FX2-6'

These adaptor cables allows two input devices to be connected to one port on the computer. Both can access the computer. Though the two input devices CAN NOT be used simultaneously.

Two input devices share one PS/2 Port. May replace Data Switch Box ADM-MD6-2 Mini Din 6 Pin Male IN; Two Mini Din 6 Pin Female Out.



S-Y-9F/MX2
S-Y-9M/FX2



S-Y-MD6M/FX2

ADAPTOR FOR CONNECTING PC TO TV

Use your TV as Monitor.

S-Y-HD15MM/3RCA



UL2464 + CSA CABLE

250 ft.

MCC-26-25C-250 25 Conductors

MCC-26-37C-250 37 Conductors

MCC-26-50C-250 50 Conductors

500 ft.

MCC-26-9C-500 9 Conductors

MCC-26-15C-500 15 Conductors

250 ft. **NEW**

MCC-VKMZ-250 VGA + 2x6c Zip Attached Cable





ATA 133 DRIVE ROUND CABLE

Single Drive
AT3-2-12-(CC)



CC=Color: **BL** (Blue), **RD** (Red), **TC** (Clear), **YW** (Yellow)

Dual Drive

AT3-3-(LL)-(CC)



LL=Length(ft): **18, 24.**

CC=Color: **BL** (Blue), **RD** (Red), **TC** (Clear), **YW** (Yellow)

SERIAL ATA SIGNAL CABLE

SAT-SIG-(LL) LL=Lenght(inches) **12", 18", 24", 36"**.

Bulk Cable

MCC-SAT-250 Serial ATA Cable, 250ft.

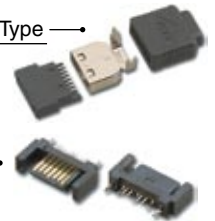


SERIAL ATA SIGNAL CONNECTORS

SAT-SF-A Serial ATA Signal Female Assembly Type

SAT-SM-PCB PCB Male

SAT-SM-PCB-DB PCB Male Dual Bumper



ULTRA DMA IDE HDD CABLE

(ULTRA ATA 66 & 100 IDE CABLES)

F-IDC-40/2-UD Ultra ATA 66, Single Drive 18"

F-IDC-40/3-UD Ultra ATA 66, Dual Drive 18"

F-IDC-40/3-UD1C Ultra ATA 100, Dual Drive 18"



Round Floppy Dual Drive Cable

FDD-R3-24BK 3 1/2" Only



SCSI Hard Disk Drive Cable

F-IDC-50/2 Single Drive, 19"

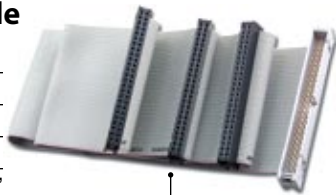
F-IDC-50/3 Dual Drive, 2'

F-IDC-50/5 4 Drive, 42"

F-IDC-50/6 5 Drive, 42"

F-IDM50/IDC Extension Cable, 18"

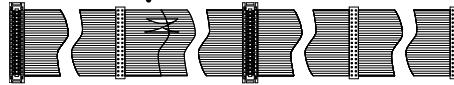
F-IDM50/IDC-3 Extension Cable, 24" 1 To 3



Floppy Disk Drive Cable

F-FDD-2' Dual Drive System, 34 Pin Card Edge only, 5 1/4" Drive

F-FDD/5-29 Dual Drive System, 34 Pinn Card Edge & IDC Socket both 5 1/4" & 3 1/2" Drive



Wide SCSI Hard Disk Drive Cable

F-HD68F/M2 Extension Cable, 20"

F-HD68M/2 Single Drive, 24"

F-HD68M/3 Dual Drive, 26"

F-HD68M/4 Three Drive, 36"

F-HD68M/5 Quad Drive, 48"

F-HD68M/8 Seven Drive, 54"



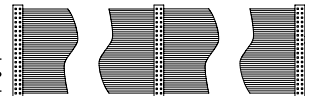
IDE Hard Disk Drive Cable

F-IDC-40/2 Single Drive, 19"

F-IDC-40/3 Dual Drive, 2'

F-IDC-40/3XL Dual Drive, Tower Case

F-IDC-40/4 3 Drives, 30"



Ultra SCSI Hard Disk Drive Cable

F-LHD68M/6 LVD/SE Ultra 2 SCSI Cable, Quad Drive, 50"



SCSI Internal/External Adaptor Cable

F-SCSI-50 IDC-50 Socket To Centronic 50 Pin

F-SCSI2-50 IDC-50 Socket to Half-Pitch D-SUB



NEW INTERNAL SCSI CABLE & CONNECTOR

F-LHD68M/6 LVD/SE Ultra 2 SCSI Cable (4 Drives)50"

ADZ-THD68F-LVD Ultra 2 LVD/SE HD68/F



Miscellaneous Hard Drive & I/O Cable

F-HDD/AT-SET AT-Compatible Hard drive Cable Set

F-HDD/XT-18" XT-Compatible Hard drive Cable Set

F-E20D-2' HDD Cable, Data, 20 Pin Edge Card Connector

F-E34D-2' HDD Cable, Data, 34 Pin Edge Card Connector

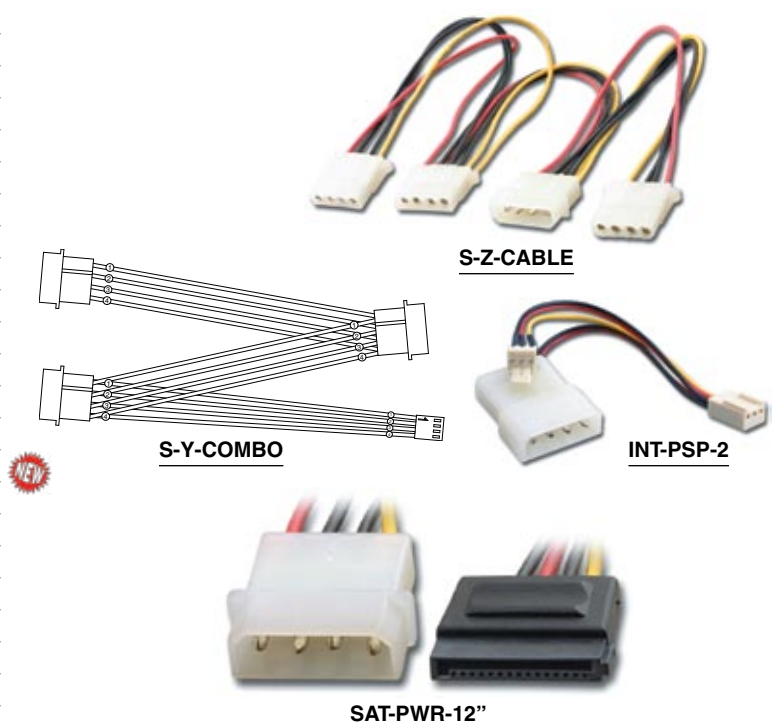
F-I/OA-2' I/O Control Cable, Twist on EC at 25 To 29 Pin

F-I/OB-2' I/O Control Cable, Twist on EC at 10 To 16 Pin



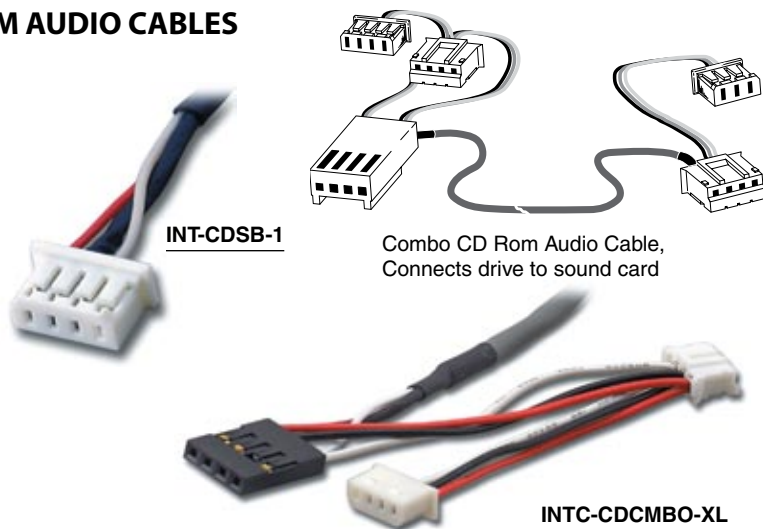
POWER ADAPTOR CABLES

S-Z-CABLE	PC Internal Power Splitter Cable
S-Y-CABLE	Internal Power Splitter Cable
S-Y-COMBO	PC Internal Combo Power Splitter Cord
S-Y-MIX-6"	Mixed Internal Power Splitter Cord
S-Y-PWD-6"	3-1/2 FDD Power Splitter Cord
S-PWD-6"	3 1/2" FDD Power Adapter Cable
S-CORD-10"	Internal Power Extension Cable
INT-44PWR	44 Pin 2.5' To 3.5' 40 Pin IDE + Power Cable
INT-AT-EXT-1'	AT MB Power Extension Cord, 1 foot
INT-ATMB/ATX	AT MB To ATX Power Adaptor Cable
INT-ATXEXT-1'	ATX MB Power Extension Cable, 1 foot
INT-ATXMB/AT	ATX MB To AT Power Adaptor Cable
INT-BTXMB/ATX	BTX MB To ATX Power Adaptor Cable
INT-PSP-1	Internal Power Split Out Cable #1
INT-PSP-2	Internal Power Split Out Cable #2
INT-PSP-3	Internal Power Split Out Cable #3
INT-PSP-4	Internal Power Split Out Cable #4
SAT-PWR-12"	Serial ATA Power Adaptor Cable, 12"



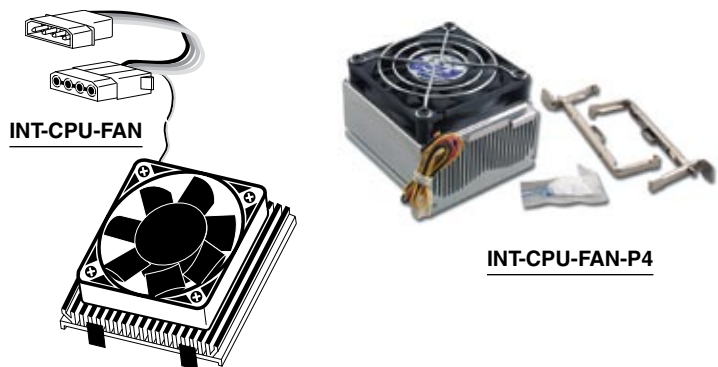
CD-ROM AUDIO CABLES

INT-CDCMBO-1	Combination of Various Sound Card & Cd Rom, 45 cm
INT-CDCMBO-XL	Same as above, 60 cm
INT-CDSB-1	Sound Blaster To Panasonic
INT-CDSB-2	Sound Blaster To Toshiba
INT-CDSB-3	Sound Blaster To NEC
INT-CDSB-4	Sound Blaster To Sony
INT-CDSB-5	Sound Blaster To Mitsumi
INT-CDSB-6	Sound Blaster To Mitsubishi
INT-CDSB-7	Sound Blaster, 60 cm long
INT-CDSB-8	Sound Blaster, 60 cm Long
INT-CDSPT-1	Spectrum To Toshiba
INT-CDSPT-2	Spectrum to NEC



CPU COOLER FAN

INT-CPU-FAN	486 Microprocessor Cooling Fan
INT-CPU-FAN-6	Pentium Pro CPU Fan
INT-CPU-FAN-K6C	K6+ CELERON(PPGA) CPU Cooling Fan
INT-CPU-FAN-K7	K7 (ATHLON) CPU Cooling Fan
INT-CPU-FAN-P3	Pentium III (SECC2) CPU Cooling Fan
INT-CPU-FAN-P4	Pentium 4 CPU Cooling Fan
INT-SYS-FAN	PC System Cooler Fan





PC BRACKETS

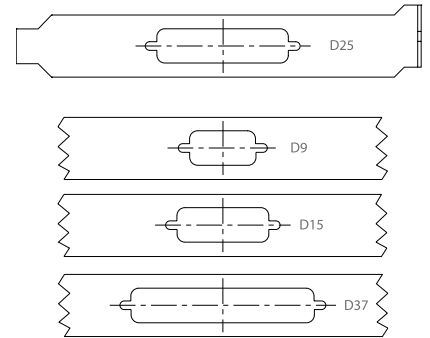
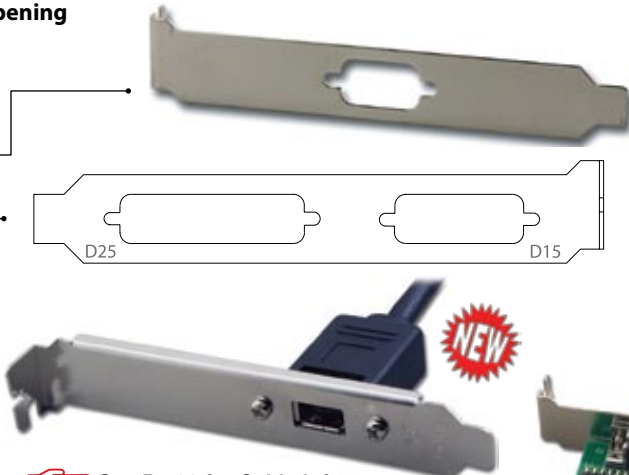
Bracket with Connector Opening

- BRK-BLNK
- BRK-C50

- BRK-D9
- BRK-D25
- BRK-D25+D15
- BRK-D25+D9
- BRK-D37

- BRK-H50
- BRK-H68

- BRK-1394-6



See Pg 98 for Cable Info



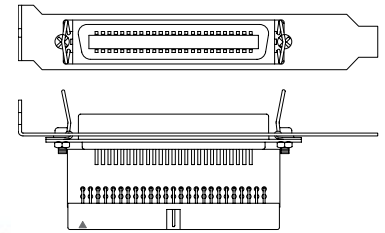
BRK-SCSI-HC50

SCSI Adaptor with Bracket Attached

BRK-USB-AA2	USB A to A 2 Ports
BRK-SCSI-C50	C50F to Internal 50
BRK-SCSI-D25	DB25F to Internal 50
BRK-SCSI-HC50	HC50F to SCSI Int/Ext Trans.
BRK-SCSI-HD50	HD50F to SCSI Int/Ext Trans.
BRK-SCSI-HD68	HD68F to Internal 50
BRK-SCSI-HD68-UW	HD68F to HD68F Ultra Wide



BRK-USB-AA2



BRK-SCSI-C50

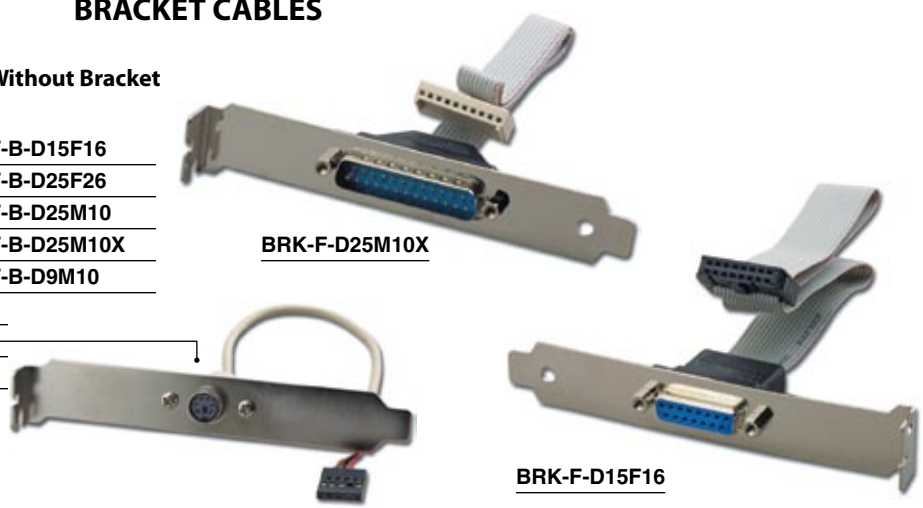
BRACKET CABLES

With Bracket Attached

BRK-F-D15F16	DB15 To IDS16
BRK-F-D25F26	DB25 To IDS26
BRK-F-D25M10	DB25 To IDS10
BRK-F-D25M10X	DB25 To MOLEX10
BRK-F-D9M10	DB9 To IDS10
BRK-PS2-1X4	PS2 Port 1x4 Connection
BRK-PS2-2X4	PS2 Port 2x4 Connection

Without Bracket

F-B-D15F16
F-B-D25F26
F-B-D25M10
F-B-D25M10X
F-B-D9M10



BRK-F-D25M10X

BRK-F-D15F16

Flat Cable

Length 25 - 28 cm

F-B-D15F16	DB15F to IDS 16 (Game Port)
F-B-D25F26	DB25F to IDS 26 (Parallel Port)
F-B-D25M10	DB25M to IDS 10 (Serial Port)
F-B-D25M10X	DB25M to MOLDEX 10 (Serial Port)
F-B-D9M10	DB9M to IDS 10 (Serial Port)

ADAPTING BRACKET

- HDD Adapting Bracket 5.25" Bays

INT-HDDBRK525





EXTERNAL SCSI CABLES

SCSI CABLES

- All cables are molded, Thumb Screws on DB side.
- All cables have 26 AWG conductors and mylar foils.

DB25/M to Centronic 50 Male

S-50M25M-(LL) LL= Length(ft): 18", 3, 6, 10.

Centronic 50 Male to Male

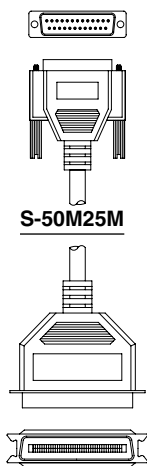
S-C50MM-(LL) LL= Length(ft): 18", 3, 6, 10.

Centronic 50 Male to Female

S-C50MF-(LL) LL= Length(ft): 3, 6, 10.

Centronic 50 Male to DB50 Male

S-C50DMM-(LL) LL= Length(ft): 3, 6, 10.



- All cables are molded, Thumb Screws on DB side.
- All cables have 28 AWG conductors and mylar foils.

SCSI II CABLES

Half Pitch D-Sub 50 Pin, Male to Male

S-Z50MM-(LL) LL= Length(ft): 3, 6, 10.

Half Pitch D-Sub 50 Pin Male to Centronic 50 Pin Male

S-Z50CMM-(LL) LL= Length(ft): 18", 3, 6, 10.

Half Pitch D-Sub 50 Pin Male to D-Sub 50 Pin Male

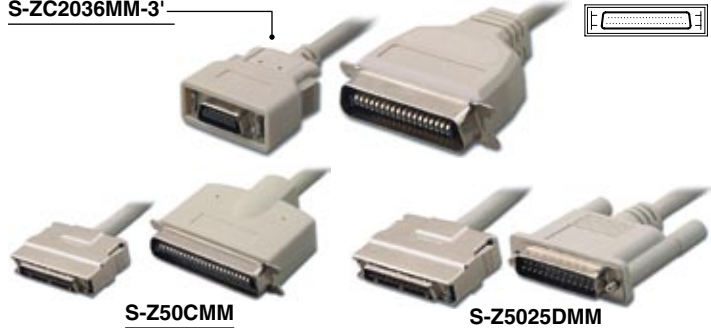
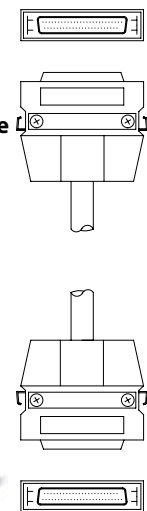
S-Z50DMM-(LL) LL= Length(ft): 3, 6, 10.

Half Pitch D-Sub 50 Pin Male to D-Sub 25 Pin Male

S-Z5025DMM-(LL) LL= Length(ft): 3, 6.

Half Pitch Centronic 20 Pin Male to Centronic 36 Pin Male; NEC, TI and other notebook printer cable

S-ZC2036MM-3'



SCSI III CABLES

- All cables are molded, Thumb Screws on DB side.
- All cables have 28 AWG conductors and mylar foils.

* S at end of part number stands for cables with thumb screw on HD68

Half Pitch D-Sub 68 Pin, Male to Male

S-Z68MM-(LL) LL= Length(ft): 3, 6, 10.

S-Z68MM-(LL)S

68 Pin Male to 50 Pin Male, both Half Pitch D-SUB

S-Z6850MM-(LL) LL= Length(ft): 3, 6, 10.

S-Z6850MM-(LL)S LL= Length(ft): 3, 6.

Half Pitch D-Sub 68 Pin Male to Centronic 50 Pin Male

S-Z6850CMM-(LL) LL= Length(ft): 3, 6, 10.

S-Z6850CMM-(LL)S LL= Length(ft): 3, 6.

Half Pitch D-SUB 68 Pin Male to D-SUB 50 Pin Male

S-Z6850DMM-(LL) LL= Length(ft): 3, 6, 10.

S-Z6850DMM-(LL)S LL= Length(ft): 3, 6.

Half Pitch D-SUB 68 Pin Male to D-SUB 25 Pin Male

S-Z6825DMM-(LL)S LL= Length(ft): 18", 3, 6, 10.



VERY HIGH DENSITY SCSI CABLES

- All cables are molded, Thumb Screws on DB side.
- All cables have 28 AWG conductors and mylar foils.

VHD68 Male to Male

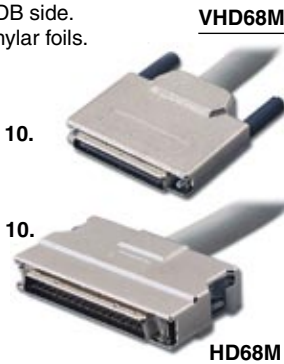
S-VHD68MM-(LL) LL= Length(ft): 3, 6, 10.

VHD68 Male to HD68 Male

S-VHD68ZMM-(LL) LL= Length(ft): 3, 6, 10.

VHD68 Male to HD50 Male

S-VHD6850ZMM-(LL) LL= Length(ft): 3, 6.



SCSI I, II and III CABLES						
	C50F	C50M	D25M	D50M D-SUB	HD50M Half-Pitch D-SUB	HD68M
D50M SCSI 1	S-C50MF-(LL)	S-C50MM-(LL)	S-C50M25M-(LL)	S-C50DMM-(LL)		
HD-50M SCSI 2		S-Z50CMM-(LL)	S-Z5025DMM-(LL)	S-Z50DMM-(LL)	S-Z50MM-(LL)	
HD68M SCSI 3		S-Z6850CMM-(LL) S-Z6850CMM-(LL)S	S-Z6825DMM-(LL) S-Z6825DMM-(LL)S	S-Z6850DMM-(LL) S-Z6850DMM-(LL)S	S-Z6850MM-(LL) S-Z6850MM-(LL)S	S-Z68MM-(LL) S-Z68MM-(LL)S



SCSI TO SCSI

System Adaptor

- ADZ-C50F-D25M
- ADZ-C50F-D25F
- ADZ-C50M-D25M
- ADZ-C50M-D25F

Connection Adaptor

- ADZ-C50F-D50M
- ADZ-C50M-D50F

SCSI 2 TO SCSI 3 INTERNAL

- ADZ-IDM50HD68F
- ADZ-IDM50HD68FL
- ADZ-IDM50HD68M

- ADZ-IDS50HD68F
- ADZ-IDS50HD68M

SCSI-3 TO SCSI-3

- Half Pitch gender changers

- ADZ-HC68FF
- ADZ-HD68FF

SCSI-2 TO SCSI

Half Pitch Centronic SCSI 2

- ADZ-HC50FC50M
- ADZ-HC50MC50F
- ADZ-HC50MD25F
- ADZ-HC50MD50F

Half Pitch D-Sub SCSI 2

- ADZ-HD50FD25M
- ADZ-HD50MD25F
- ADZ-HD50FC50M
- ADZ-HD50MC50F
- ADZ-HD50FD50M
- ADZ-HD50MD50F

SCSI-3 TO SCSI-2

- ADZ-HC50FHC68M
- ADZ-HD50FHC68F
- ADZ-HD50FHC68M
- ADZ-HD50FHD68M
- ADZ-HD50FHD68F
- ADZ-HD50MHD68F
- ADZ-HD68MHC50F

SCSI ADAPTORS

SCSI-2 TO SCSI-2

Half Pitch gender changer, port protector, and HP Centronic to HP D-Sub Adaptor

- ADZ-HC50FF
- ADZ-HC50MF
- ADZ-HD50FF
- ADZ-HD50FHC50F
- ADZ-HD50FHC50M
- ADZ-HD50MF
- ADZ-HD50MHC50F
- ADZ-HD50MHC50M



SCA ADAPTORS

SCA-HD68F SCA 80 to HD68F

SCA-HD68F-IDM50 SCA 80 to HD68F/IDM50

SCA-IDM50 SCA 80 to IDM50



SCSI-3 TO SCSI

Half Pitch Centronic

- ADZ-HC68FC50F
- ADZ-HC68MC50F

Half Pitch D-Sub

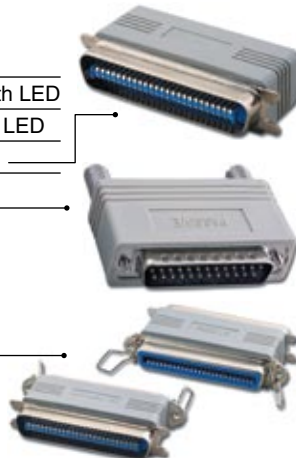
- ADZ-HD68FC50F
- ADZ-HD68FC50M
- ADZ-HD68MC50F
- ADZ-HD68FD25M
- ADZ-HD68MD25F

SPECIALTY ADAPTORS

- ADZ-HC14MD15F Apple Powerbook Ethernet Adaptor
- ADZ-HC14MD25F NEC PC9821 RS-232 Adaptor
- ADZ-HC20MC36F NEC Notebook Printer Port Adaptor
- ADZ-HC26MD25F NEC External Floppy Drive Adaptor
- ADZ-HC36MC36F IEEE 1284 Port Adap. for Parallel Cable
- ADZ-HC36MD25F IEEE 1284 Port Adaptor for DB25 Cable
- ADZ-HD26MD25F NEC External Floppy Drive Adaptor
- ADZ-C50PT Port Tester, w/ 18 LED Connection Indicators, Centronic Male/Female
- ADZ-C50TEE Tee-Adaptor, one in / Two out; Centronic Connections

SCSI TERMINATORS

- ADZ-TC50M-PS Passive Terminator
- ADZ-TC50M-PSL Passive Terminator with LED
- ADZ-TC50M-AC Active Terminator with LED
- ADZ-TC50M-DF Differential Terminator
- ADZ-TD25M-PS Passive Terminator
- ADZ-TD25M-AC Active Terminator
- ADZ-TD25MF-PS Passive Terminator
- ADZ-TD25MF-AC Differential Terminator
- ADZ-TC50MF-PS Passive Terminator
- ADZ-TC50MF-AC Active Terminator
- ADZ-TD50M-PS Passive Terminator



Abbreviations:

M	Male, Plug	HD68	Half Pitch D-Sub 68 Pin
F	Female, Sockey	HC14	Half Pitch Centronic 14 Pin
C50	Centronic 50 Pin	HC20	Half Pitch Centronic 20 Pin
D25	D-Sub 25 Pin	HC26	Half Pitch Centronic 26 Pin
D50	D-Sub 50 Pin	HC36	Half Pitch Centronic 36 Pin
HD26	Half Pitch D-Sub 26 Pin	HC50	Half Pitch Centronic 50 Pin
HD50	Half Pitch D-Sub 50 Pin	HC68	Half Pitch Centronic 68 Pin

SCSI INTERNAL TERMINATORS

Use on SCSI Ribbon Cables inside the Computer

- ADZ-TI50M-AC Active
- ADZ-TI50M-PS Passive
- ADZ-TI50MF-AC Active
- ADZ-TI50MF-PS Passive
- ADZ-TIDC50-AC Active
- ADZ-TIDC50-PS Passive

SCSI II TERMINATORS

- ADZ-THD50M-PS Passive Terminator
- ADZ-THD50M-AC Active Terminator
- ADZ-THC50M-PS Passive Terminator



SCSI III TERMINATORS

MALE

- ADZ-THD68M-PS Passive Terminator
- ADZ-THD68M-AC Active Terminator
- ADZ-THD68M-AC-S Active Terminator with Thumb Screw
- ADZ-THD68M-AN-S Active Negation with Thumb Screw
- ADZ-THD68M-UW-S Ultra wide Termination with Thumb Screw
- ADZ-THC68M-PS Passive Terminator

FEMALE

- ADZ-THD68F-AC Active Terminator
- ADZ-THD68F-AN Active Negation
- ADZ-THD68F-LVD LVD/SE Terminator
- ADZ-THD68F-UW Ultra Wide Termination





CD STORAGE BAGS

- CD Storage Bag Max.
- Plastic Case.
- Zipper Around.

MMA-CD24(CC) 24 CDs

MMA-CD48(CC) 48 CDs

MMA-CD96(CC) 96 CDs



CC=Color BL Blue, BK Black, GN Green, RD Red.

COMPACT MEMORY CARD ADAPTOR

- For Compact Flash Memory.
- Plastic Carry Case Included.

MCR-PCMCIA



See Pg 98 for Card Reader

CPU/MAIN BOARD

Component Thermostat

- Battery Required (Included).
- 1 Second Sampling Cycle.



INT-CPU-THRM

SILICON GEL

- 2 Grams, for Heat Dissipation



INT-SIGEL

INTERFACE CARD

- IEEE 1394A-400 3 Ports Interface Card.
- Support Pug to Plug, Connect Device without Restart.
- Chain Up to 63 Devices Together.

INT-PCI-1394



REMOVABLE HARD DISK DRIVE DRAWER

- Patent Design Makes Ventilation Highly Efficient.
- Rack Handle Can Reduce Friction of Connectors Making the Data Transmit Smooth.
- For any PC with 5.25" HDD Rack.
- LED Display.
- For any Hard Disk Drives with 1" Height, 2.5" or 3.5" HDD.

HMR-IDE-DWR HDD Mobil Rack IDE Drawer (Only) with Fan

HMR-IDE-SET HDD Mobil Rack IDE Dual Fan Set



Wire Management Plastic Blocks

WMA-PB



Close Up



SIMM ADAPTORS

- SIM-30-30** Adapting PCB
- SIM-30-30R** Reverse Adapting PCB
- SIM-30-72** Adapting PCB
- SIM-30-72E** Economy Type Adapting PCB
- SIM-30-72ER** Econo Reverse Adapting PCB
- SIM-72-72-4** 4 Slot PCB Adapting
- SIM-72-72-4R** 4 Slot Reverse PCB
- SIM-30-72VA** Vertical Adaptors
- SIM-30-72VB**
- SIM-30-72VC**
- SIM-30-72VD** 2 Slot Vertical Adaptor
- SIM-72-72-2VA**
- SIM-72-72-2VB**
- SIM-72-72-2VC**
- SIM-72-72-2VD**



SIM-72-72-4R

DATA LINE NOISE FILTER

- Minimal effect on Transmission Waveforms
- High Performance Ferrite Cords
- Provide Low Cost Common-Mode Noise Counter Measure
- Easy Snap On Installation
- Three Diameter Available for Different Cable O.D.

- SF-065** 6.5mm Inside Diameter
- SF-100** 10mm Inside Diameter
- SF-130** 13mm Inside Diameter





MAC MONITOR ADAPTORS

• Mac to VGA adaptor allow connections to regular high density VGA 15Pin Connector, Snap Hood.

AD-D15F15HM →
AD-D15M15HF



PARALLEL PORT LOOP BACK

DB25M Parallel Port Loop Back DB25M Parallel Port Loop Back Type 2

AD-D25M-PLB

Parallel Adaptor Shorts

4 - 15; 7 - 12
5 - 17; 8 - 10
6 - 13; 9 - 11

AD-D25M-PLB2

Parallel Adaptor Shorts

1 - 13; 12 - 18
11 - 17; 10 - 16



SERIAL VGA ADAPTORS

AD-D9F15HF
AD-D9F15HM
AD-D9M15HF
AD-D9M15HM

Pin Out

1-1; 2-2; 3-3; 4-13; 5-14; 6-6; 7-7; 8-8; 9-10 & 11



SERIAL TRI-PORT ADAPTORS

• DB9 on Side

AD-D25MF9F
AD-D25MF9M



PARALLEL ADAPTORS

AD-D25F36F →
AD-D25F36M

AD-D25M36F
AD-D25M36M



SERIAL MOUSE ADAPTORS

Pin Out Diagram

DB9	-1	-2	-3
	MD-8		
1	7	7	1
2	5	5	2
3	3	3	3
4	1	--	4
5	4, 8	4	5
7	1	1	7
8	2	2	8



AD-D9F/MD8F
AD-D9F/MD8M

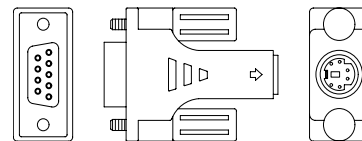
AD-D9F/MD8M-2
AD-D9F/MD8F-2

AD-D9F/MD8F-3
AD-D9F/MD8M-3

Pin Out AD-D9F/MD6F
1-1; 2-4; 3-3; 5-4;
6-5; 7-4; 9-3

Pin Out AD-D9F/MD6M
2,3-1; 4-3; 5-4; 4-5

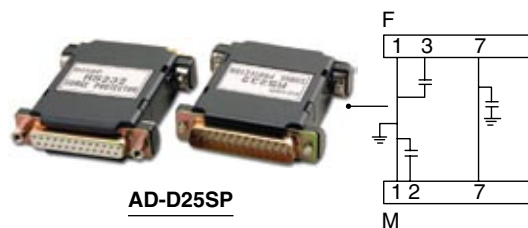
Pin Out AD-D9M/MD6F
1-1; 5-3; 6-5; 7-4



AD-D9F/MD6F

- AD-D25LP Loop Back Tester
- AD-D25MT RS-232 Mini Tester
- AD-D25PB Mini Patch Box (Jumper Box)
- AD-D25QT RS-232 Quick tester
- AD-D25UGC Universal Gender Charger
- AD-D25WA RS-232 Mini Wiring Adaptor
- AD-D25SP Surge Protector, Pin 1, 2, 3, 7
- AD-D9SP Suppress voltage above 26V without affecting normal RS-232 operations.

RS-232 DEVICE





PASSIVE ADAPTORS

NULL MODEM & PIN-OUT DIAGRAM (Molded and Shielded)

- AD-D9NM** DB9 Male / Female
- AD-D9NM-2A** DB9 Female / Female
- AD-D25NM-1** Printer Adaptor
- AD-D25NM-2** Standard Type I
- AD-D25NM-3** Full Handshake
- AD-D25NM-4** No Handshake
- AD-D25NM-5** Standard Type II
- AD-D25NM-6** Full Handshake Type II

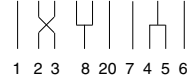


1 2 3 4 5 --- 25



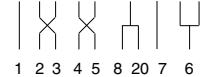
AD-D25NM-1

1 2 3 4 5 6 7 8 20

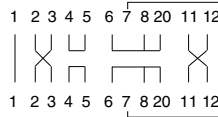


AD-D25NM-2

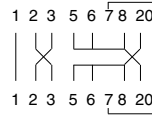
1 2 3 4 5 6 7 8 20



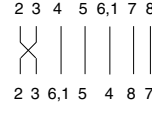
AD-D25NM-3



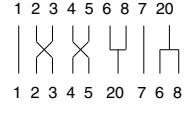
AD-D25NM-4



AD-D25NM-5



AD-D9NM



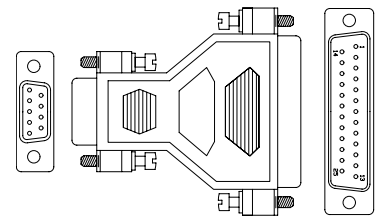
AD-D25NM-6

SERIAL PORT ADAPTOR

All With the Following Pin Out for Adapting DB25 Serial Port to DB9 Serial Ports.

	1	2	3	4	5	6	7	8	9	DB9
PIN OUT										
DB25	8	3	2	20	7	6	4	5	22	

Original



- AD-D25F9F**
- AD-D25F9M**
- AD-D25M9F**
- AD-D25M9M**

A-Type



- AD-D25F9F-A**
- AD-D25F9M-A**
- AD-D25M9F-A**
- AD-D25M9M-A**

Short Type



- AD-D25F9F-S**
- AD-D25F9M-S**
- AD-D25M9F-S**
- AD-D25M9M-S**

SERIAL LOOP BACK PLUG (Single End)

XT Adaptor Shorts

- AD-D25F-SLB** DB25F XT type
- 2 - 3 ; 4 - 5
- 6 - 8 - 20 - 22

AT Adaptor Shorts

- AD-D9M-SLB** DB9M AT type
- AD-D9F-SLB**

- 1 - 4 - 6 - 9
- 2 - 3 ; 7 - 8



SPECIAL ADAPTORS

- Sun System to VGA Adaptor
- 13W3 Male to VGA HD15 Male Adaptor

AD-D13W3MH15M





PS2 PORT TO MOUSE AND KEYBOARD ADAPTOR

AD-PS2-KM



DB9M TO RCA JACK ADAPTOR

AD-D9M-RCA/F



MINI DIN ADAPTORS

AD-MD3FF Mini Din 3Pin
 AD-MD4FF Mini Din 4Pin
 AD-MD5FF Mini Din 4Pin

AD-MD6FF Mini Din 6Pin
 AD-MD7FF Mini Din 7Pin
 AD-MD8FF Mini Din 8Pin



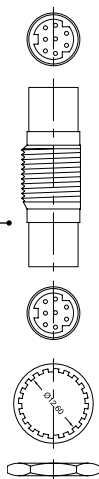
MINI DIN KEYBOARD ADAPTORS

AD-MD6F/D5M
 AD-MD6M/D5F



LOW PROFILE GENDER CHANGER

AD-LGC-D5FF-BH Din 5 F/F Bulk Head
 AD-LGC-MD4FF-BH MD 4 F/F Bulk Head
 AD-LGC-MD4FF-BH-G Gold Plated Bulk Head
 AD-LGC-MD6FF-BH MD 6 F/F Bulk Head
 AD-LGC-MD8FF-BH MD 8 F/F Bulk Head



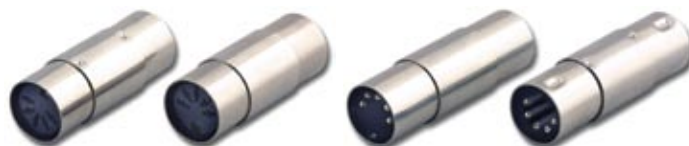
AD-LGC-D5FF-BH

LOW PROFILE VGA ADAPTORS

AD-LGC-H15F9F
 AD-LGC-H15F9M
 AD-LGC-H15M9F
 AD-LGC-H15M9M



DIN ADAPTORS

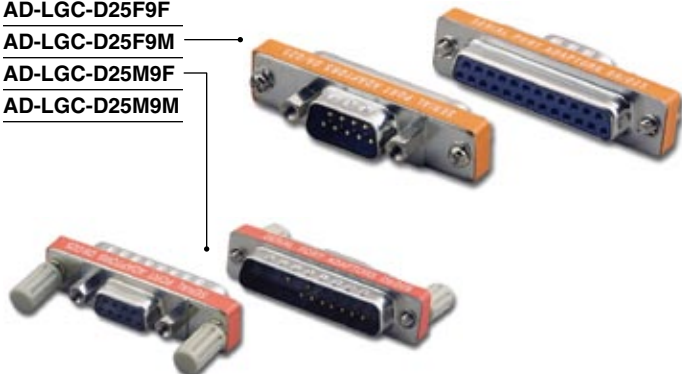


AD-LGC-D5FF

AD-LGC-D5MM

LOW PROFILE SERIAL PORT ADAPTOR

AD-LGC-D25F9F
 AD-LGC-D25F9M
 AD-LGC-D25M9F
 AD-LGC-D25M9M



LOW PROFILE NULL MODEM ADAPTORS

AD-LGC-D9NM

AD-LGC-D25NM1
 AD-LGC-D25NM3

AD-LGC-D25M9F-NM





LOW PROFILE PASSIVE ADAPTORS

LOW PROFILE GENDER CHANGER

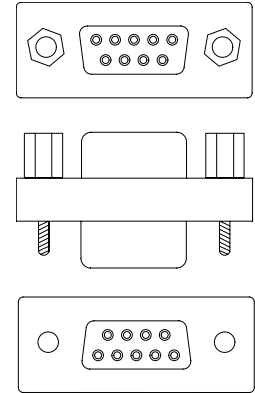
- Metal Shell and Casing; Hex Spacer Included

Female to Female

AD-LGC-09FF	D-SUB 9	AD-LGC-09MM
AD-LGC-15FF	D-SUB 15	AD-LGC-15MM
AD-LGC-25FF	D-SUB 25	AD-LGC-25MM
AD-LGC-37FF	D-SUB 37	AD-LGC-37MM
AD-LGC-36FF	Centronic 36	AD-LGC-36MM
AD-LGC-50FF	Centronic 50	AD-LGC-50MM
AD-LGC-D5FF	DIN-5	AD-LGC-D5MM
AD-LGC-H15FF*	HiDen 15	AD-LGC-H15MM*
AD-LGC-H15FF-FL	Fully Loaded	AD-LGC-H15MM-FL
AD-LGC-H26FF	HiDen 26	AD-LGC-H26MM

Male to Male

AD-LGC-09MM
AD-LGC-15MM
AD-LGC-25MM
AD-LGC-37MM
AD-LGC-36MM
AD-LGC-50MM
AD-LGC-D5MM
AD-LGC-H15MM*
AD-LGC-H15MM-FL
AD-LGC-H26MM



AD-LGC-9FF

* Without Pin 9.

STANDARD GENDER CHANGER

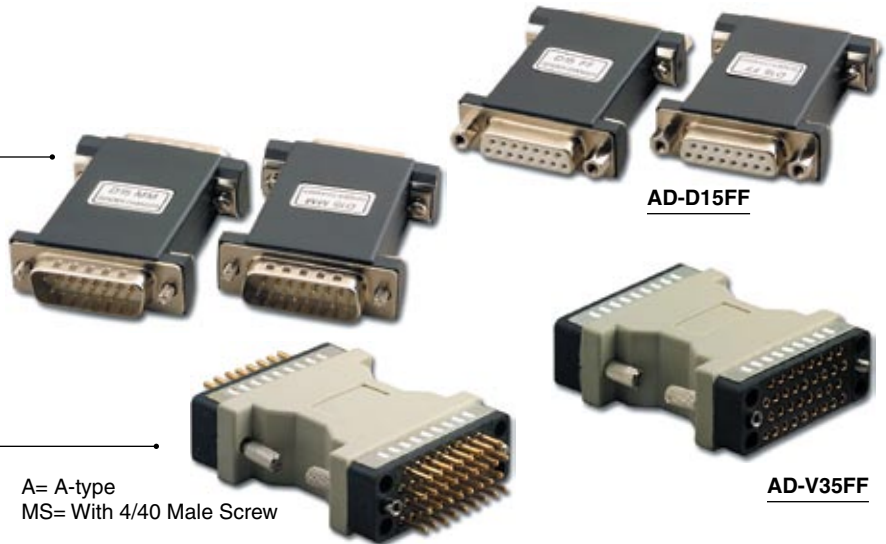
- Molded and Shielded with Hex Spacers

Female to Female

AD-D9FF	D-SUB 9	AD-D9MM
AD-D15FF	D-SUB 15	AD-D15MM
AD-D25FF	D-SUB 25	AD-D25MM
AD-D25FF-A		AD-D25MM-A
AD-D25FF-MS	W/Male 4-40 Screw	
AD-D36FF	Centronic 36	AD-D36MM
AD-D36FF-A		
AD-DH15FF	HIDEN-5	AD-DH15MM
AD-V35FF	V 35	AD-V35MM
AD-13W3FF	13W3	AD-13W3MM

Male to Male

AD-D9MM
AD-D15MM
AD-D25MM
AD-D25MM-A
AD-D36MM
AD-DH15MM
AD-V35MM
AD-13W3MM



AD-D15FF

AD-V35FF

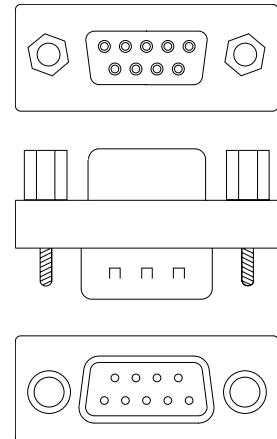
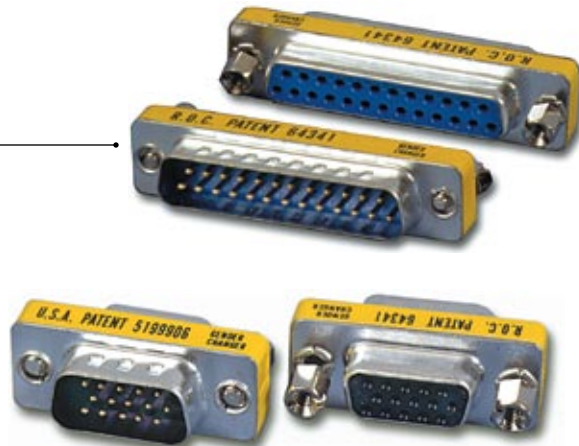
A= A-type
MS= With 4/40 Male Screw

LOW PROFILE PORT PROTECTOR

- Used to Prevent Connection Wear/Tear on frequently used Ports

Male to Female Port Protector

AD-LGC-09MF	D-SUB 9
AD-LGC-15MF	D-SUB 15
AD-LGC-25MF	D-SUB 25
AD-LGC-37MF	D-SUB 37
AD-LGC-36MF	Centronic 36
AD-LGC-50MF	Centronic 50
AD-LGC-H15MF*	HiDen 15
AD-LGC-H15MF-FL	HD 15M/F Fully Loaded
AD-LGC-H26MF	HiDen 26



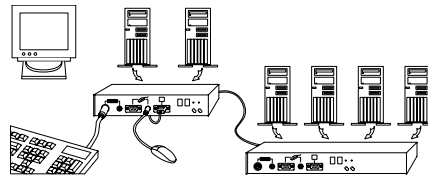
AD-LGC-9MF

* Without Pin 9.



VIDEO, KEYBOARD, MOUSE MULTIPLEX

- CPUs Sharing Electronic Switches
- Plug and Play, Power Free
- Monitor 2/4/6/8 up to to 128 PCs via one console
- Supports both PS/2 and serial mouse as well as PC/AT and PS/2 Keyboards
- Work with a full range of VGA Monitors. Supports VESA DDC1/2B Standard.



- VKM-401** 4 Way
- VKM-601** 6 Way
- VKM-801** 8 Way
- VKM-161** 16 Way



VKM-E201



VKM-E401BC



Economic Type

- VKM-E201** 2 to 1 CPU
- VKM-E401** 4 to 1 CPU
- VKM-E601** 6 to 1 CPU

- VKM-E201M** 2 to 1 CPU
- VKM-E401BC** 4 to 1 CPU

- VKM-201MNE** 2 to 1 Non-Extendable
- VKM-201UTP** 2 to 1 UTP Remote



SMART AUTO SWITCH BOXES

- Easy to Install and operate
- Support Both Dot Matrix and Laser Printers
- Two Bus Architecture, support simultaneous Printing
- AutoScan, Software Selectable and Manual Select mode of operation
- Fully Signal Transparent, Software included for Soft Select Mode

- MNI-SAUTO-12P-1284** 1 To 2 IEEE 1284 BI-TRONICS Printer Switch
- MNI-SAUTO-21P-1284** 2 To 1 IEEE 1284 BI-TRONICS Printer Switch
- MNI-SAUTO-22P-1284** 2 To 2 IEEE 1284 BI-TRONICS Printer Switch
- MNI-SAUTO-41P-1284** 4 To 1 IEEE 1284 BI-TRONICS Printer Switch
- MNI-SAUTO-42P** 4 To 2 Parallel Smart Switch



AUTO SWITCH BOXES

- Support Both Dot Matrix and Laser Printers
- Auto Scan for Signal
- Fully Signal Transparent

P=PARALLEL

- MNI-AUTO-25-8P**



- MNI-AUTO-25-4S**

AUDIO/VIDEO SELECTOR

- Color Coded Video and Left/Right Audio Connectors
- 4 RCA Stereo Audio/Video Inputs
- 1 RCA Stereo Audio/Video Output
- Allow Selection Up to 4 Audio/Video Sources
- Input Selector Knob Locates in Front of Switch Makes Input Selection Easily
- Fully Shielded Metal Case with Anti-Skid Feet.



- ABM-RCA3-4**



MINI SWITCH BOX (MANUAL)

- Plastic light wight enclosure
- Rotary switch for extended use
- Very small profile

- ABM-MNI-25-2**





DATA SWITCH BOXES

USB SWITCH BOXES

ABM-USB-2B 2B In, 1A Out

ABM-USB-4B 4B In, 1A Out

ABM-USB-2 2-Way

ABM-USB-4 4-Way

ABM-USB-2



ABM-USB-4B



D-SUB SWITCH BOXES

- Metal Casing, Fully Shielded, Rotary Switch for Extended Use
- All Female Connectors
- Gold Plated Contacts Ensure Signal Integrity

ABM-15-2
ABM-15-3
ABM-15-4
ABM-15-X

DB15

ABM-HD15-2
ABM-HD15-3
ABM-HD15-4
ABM-HD15-X

HD15



ABM-15-4

ABM-2536-2 DB25 in, 2 DB36 out

ABM-25W-2/3 2 Computer in 3 Printer out, or 3 computer in, 2 Printer out

ABM-3625-2 DB36 in, 2 DB 25 out

ABM-37-2 DB 37, 2 Positions

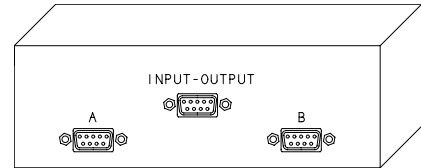
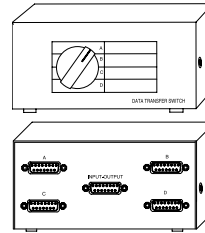
ABM-D50-2 DB 50, 2 Positions

ABM-9-2
ABM-9-3
ABM-9-4
ABM-9-5
ABM-9-6
ABM-9-X

DB9

ABM-25-2
ABM-25-3
ABM-25-4
ABM-25-5
ABM-25-8
ABM-25-X

DB25



ABM-9-2

X = Cross Over

MONITOR, KEYBOARD, COMBO SWITCH BOXES

- Metal Casing, Fully Shielded, Rotary Switch for Extended use
- All Female Connectors
- Gold Plated Contacts Ensure Signal Integrity

ABM-9X5D-2 Monochrome Monitor Switch
DB9 Din5 Two Way

ABM-H15/5-2 VGA Monitor and AT Type Keyboard
ABM-H15/5-3 Switch

ABM-H15/5-4

ABM-H15MD6-2 VGA Monitor and PS-2 Type
ABM-H15MD6-3 Keyboard Switch Positions

ABM-H15MD6-4

ABM-H15MD8-2

ABM-H15MD8-4

ABM-H15/5/9-2

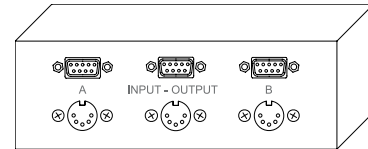
ABM-H15/5/9-4

ABM-H15/9/MD6-2

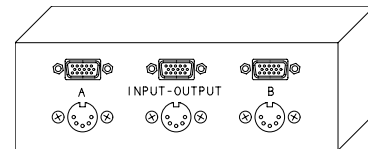
ABM-H15/9/MD6-4

ABM-H15MD6/6-2

ABM-H15MD6/6-4



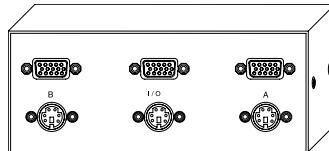
ABM-9X5D-2



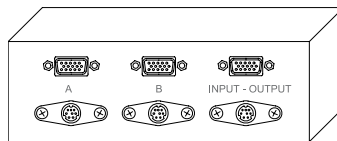
ABM-H15/5-2



ABM-H15/5/9-4



ABM-H15MD6-2



ABM-H15MD8-2



ABM-H15/9/MD6-4

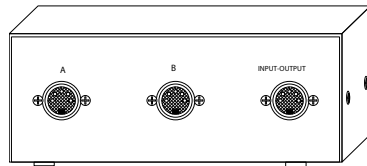


SPECIALTY SWITCH BOXES

- Metal Casing, Fully Shielded, Rotary Switch for Extended use
- All Female Connectors
- Gold Plated Contacts Ensure Signal Integrity

ABM-D5-2
ABM-D5-3
ABM-D5-4

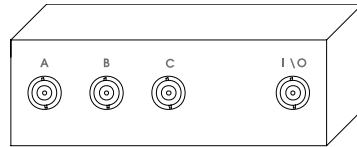
Din 5



ABM-D5-2

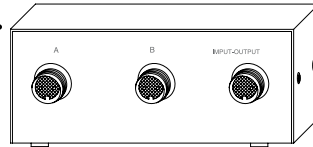
ABM-BNC-2
ABM-BNC-3
ABM-BNC-4
ABM-BNC-X

BNC Female



ABM-BNC-3

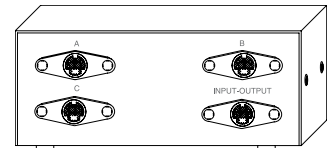
ABM-TWX-2 → Twinax Female



X= Cross Over

ABM-MD4-2
ABM-MD4-3
ABM-MD4-4

Mini Din 4 Pin



ABM-MD4-3

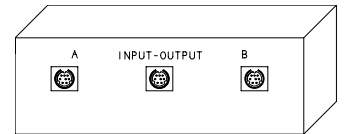
ABM-MD6-2
ABM-MD6-3
ABM-MD6-4

Mini Din 6 Pin



ABM-MD8-2
ABM-MD8-3
ABM-MD8-4
ABM-MD8-X

Mini Din 8 Pin



ABM-MD8-2

MODULAR SWITCH BOXES

- Metal Casing, Fully Shielded, Rotary Switch for Extended use
- All Female Connectors
- Gold Plated Contacts Ensure Signal Integrity

ABM-T6-2
ABM-T6-3
ABM-T6-4
ABM-T6-X

RJ11, 6C

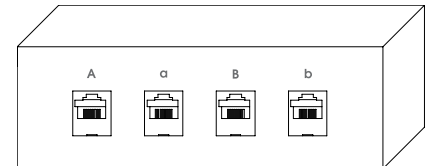


ABM-T6-2

X= Cross Over

ABM-T8-2
ABM-T8-3
ABM-T8-4
ABM-T8-X

RJ45, 8C



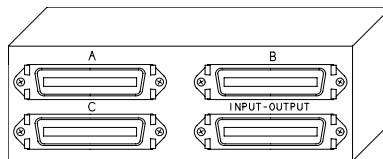
ABM-T8-X

CENTRONIC SWITCH BOXES

- Metal Casing, Fully Shielded, Rotary Switch for Extended use
- All Female Connectors
- Gold Plated Contacts Ensure Signal Integrity

ABM-36-2
ABM-36-3
ABM-36-4
ABM-36-X

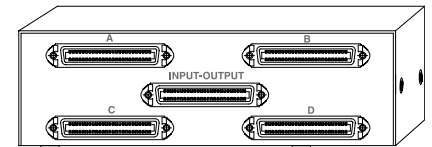
36 Pin



ABM-36-3

ABM-C50-2
ABM-C50-4

50 Pin



ABM-C50-4

ABM-IEEE488-2 → 24 Pin



X= Cross Over



MEMORY CARD READER

- USB 2.0, 9 in 1
- Compliant with USB Specification Version 2.0. & 1.1.
- USB Bus Power
- High Speed Up to 480 Mbits/s.

MCR-9IN1USB2



VGA MULTIPLIERS

- Sends VGA output to as many as eight monitors
- Daisy Chainable up to 200 VGA Monitors
- Connects monitor up to 210 ft away
- Power Adapter Included
- Compatible to Multisync, SVGA, VGA, EGA, and CGA Monitor
- Resolution : 1920 x 1440 @ 60Hz

VGA-L201

VGA-L401

VGA-L801



MINI BREAK OUT BOXES (Data Switch Boxes)

- 12 Circuit Monitor LEDs
- Access To all RS232/V24, RS232/V.35, RS232/X21 Circuit
- Pocket Size, w/ Jumpers Included.

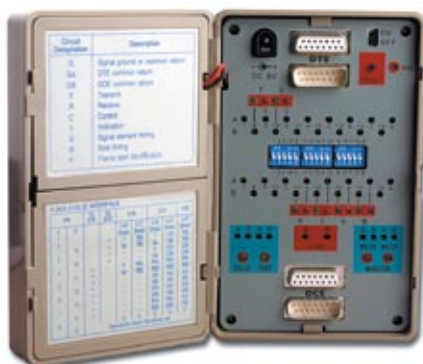
MNI-BRKBOX Mini breakout box for RS232/DB25

MNI-MPS Mini Monitor Power Saver

BOB-V24 For V.24 interface, Rechargeable

BOB-V35 For V.35 Interface

BOB-X21 For X21 Interface



MNI-MPS

SIGNAL BOOSTERS

- No External Power or Battery is needed
- Boost Signal over 500 ft to extend the range of your parallel or Serial printer.

ADL-SBP Parallel Booster

ADL-SBS Serial Booster



MODULAR PRINTER NETWORK

- Allows up to 24 PCs share up to 8 Parallel Printers
- Automatic Printer Selection; Simultaneous Printing Capabilities
- Distance Up to 1200ft; Transmission Rate: 45Kbps
- Printer Selector Utilities included for both DOS and Windows
- Link Kit includes Two Transmitting Module and one Receiving Module.

ADL-LNKSET Include 1 receiver, 2 Transmitter, Utility Software, AC/DC Adaptor, and 2 25ft Modular Line Cord

ADL-LNK-T Transmitter

ADL-LNK-R ReceiverReceiver



SIGNAL CONVERTERS

- Interchanges signals between Serial and Parallel Devices
- Bidirectional Converter or Uni-Directional Converter
- AC Adapter Included in some Converters

ADL-S2P Serial to Parallel Connector

ADL-PBIS-256 Single Converter, Bi-directional P/S





LINK CABLE

- Use Your Regular ATA Hard Drives on Main Boards with Serial ATA Controller. Just Plug this Device Between the Regular ATA Hard Drive and Serial ATA Cable.
- What's Serial ATA? See <http://serialata.org> for more information



ADL-R2SATA

Most of ATA 66/100/133 HDD will Work

Here's Some Brands & Model of ATA HDD Tested with This Converter:

- IBM:** ICL 35 Serial, DTL A Series, DTTA Series, DHEA Series.
- Seagate:** Barracuda ATA II, III Series, V Series.
- Maxtor:** Fireball Series.
- Fijitsu:** MPF Series, MPA Series, MHM Series, MPG Series.
- Samsung:** V6800 Series, SV Series-V4300, WV Series-W5, VG Series-V3, V4, VA Series-V3A, SV Series-V3200, SW Series-W2100.

SAT-PWR-12" Serial ATA Power Adaptor Cable, 12"

PROTOCOL CONVERTERS

- Bi-directional Interface converters for RS232C and RS422/485
- Provides Multi-drop, Simplex, and point-to-point operations.

ADL-232CVR422 Adaptor signal between RS232C and RS422

ADL-232CVR485 Adaptor signal between RS232C and RS485

- Power by interface
- Maintains high impedance when power is off
- Asynchronous, half or full duplex mode
- Thermal shut down protection

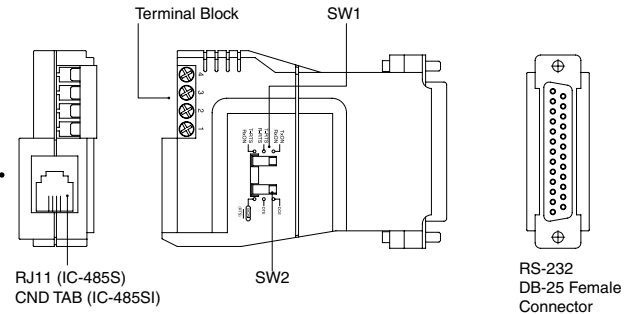


ADL-232CVR422

ADL-232CVR485

ADL-232CVR485-TB Adaptor signal between RS232C and RS422/485

- Powered by: DC-9V, 200 mA power adaptor (included) or RS232 connector # 9 Pin
- Data Rate: up to 1 Mb/s under 4000 ft (1.2 Km)
- DB-25 Female on RS232 side
- A terminal block and RJ-11 on RS422/485 side
- RJ-11 connector provides an extra Monitoring function



MICROPHONE AND HEAD SET

- MMA-MFON-CLP** Multimedia Microphone, Clip on
- MMA-MFON-HD** Multimedia Stereo Headset
- MMA-MFON-TBL** Multimedia Microphone, Table Top



MMA-MFON-TBL



MMA-MFON-HD

FOR DIGITAL AUDIO USE

- Connectors meets EIAJ proposed standard RC5720
- Simplex
- APF (970/100µm)
- Black or White(WH)



FOP-AUD-1
FOP-AUD2-1

L= Length(Meter): 1, 2, 3, 4, 5.

• Toslink to Toslink
FOP-AUDT2-(L)
O.D. 8.0mm (Black)
FOP-AUDT2-(L)WH
O.D. 8.0mm (Pearl White)



IEEE-1394 CABLES

- 24 AWG Power Pair; 28 AWG Signal Pairs
- Foil and Braid Outer Shield
- Foil and Braid Signal Shield
- Twisted Pair Construction
- Gold Plated Contacts



Extension for 6 Pin Type

S-IEEE-1394X-6606

6 Pin M/F 6ft. Cable

S-IEEE-1394X-6615

6 Pin M/F 15ft. Cable

S-IEEE-1394-44-(LL)

S-IEEE-1394-64-(LL)

S-IEEE-1394-66-(LL)

S-IEEE-1394-94-(LL)

S-IEEE-1394-96-(LL)

S-IEEE-1394-99-(LL)

LL= Length(ft): 3, 6, 10, 15.



See Page 85 for Bracket Info



EZ CABLES

S-EZ-1394-44

S-EZ-1394-64

S-EZ-1394-66



9 Pin Type
(Transfer Speed
Up to 800Mbps)

SUPER VIDEO CABLES

- Suitable for DDS Satellite installations. Applications include Super-VHS VCR's, DSS Receivers, Camcorders and Video Disc Players
- Gold Plated Contacts
- Dual Coax Single Outer Jacket

MMA-SVHSE-6' MD4 M/F Extension Cable, 6ft.

MMA-SVHSE-10' MD4 M/F Extension Cable, 10ft.

MMA-SVHS-(LL) MD4 M/M S-VHS Video Cable

LL= Length(ft): 3, 6, 10, 12, 15, 18, 25, 35, 50, 75, 100.

BULK CABLE

MMA-SVHS 500ft. Reel S-VHS Bulk Cable

MMA-SVHS-CL2 500ft. Reel S-VHS Bulk Cable, CL2

SVHS CONNECTORS

- SVHS Plug (M) Solder Type Assembly
- Teflon (High Temp) Insulation

MD-SVHS-P65 I.D.=6.5mm.

RBC-A175 Metal Back Hood I.D.= 7.5mm.

RBC-A180 Metal Back Hood I.D.= 8.0mm.

SVHS to RCA ADAPTOR CABLE

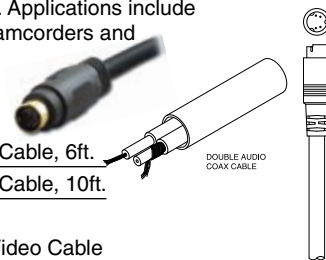
- Molded RCA or BNC Ends.
- Color Coded Ends (White & Red).
- Gold Plated Shell and Contacts.

MMA-SVHS/RCA 2-6'

6Ft. Mini Din 4 Pin Male to 2-RCA Male.

MMA-SVHS/BM2-18"

MMA-SVHS/BF2-18"



DC ASSEMBLY TYPE POWER CONNECTOR

- All Types with Screw on Strain Relief (Except Right Angle Plugs).
- 9.5mm Barrel Length, Unless Otherwise Noted.
- Solder Terminal, Insulation Clamp Strain Relief.



DC Jack

DCJ-5521A A=2.1, B=5.5 mm

DCJ-5525A A=2.5, B=5.5 mm



DC Plug

DCP-2307A A=0.7, B=2.3 mm

DCP-3010A A=1.0, B=3.0 mm

DCP-3513A A=1.3, B=3.5 mm

DCP-4017A A=1.7, B=4.0 mm

DCP-5521A A=2.1, B=5.5 mm

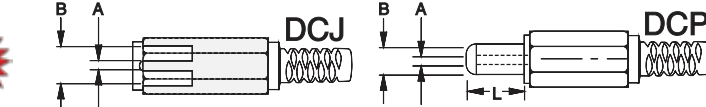
DCP-5525A A=2.5, B=5.5 mm



DC Adaptor

DCA-52125J A=2.1, B=5.5 mm Plug to A=2.5, B=5.5 mm Jack

DCA-52521J A=2.5, B=5.5 mm Plug to A=2.1, B=5.5 mm Jack



DC Plug Right Angle, Long Barrel

DCP-5521AR-L A=2.1, B=5.5 mm, L=14mm

DCP-5525AR-L A=2.5, B=5.5 mm, L=14mm

DC Plug Long Barrel

DCP-5020A-L A=2.0, B=5.0 mm, L=14mm

DCP-5521A-L A=2.1, B=5.5 mm, L=14mm

DCP-5525A-L A=2.5, B=5.5 mm, L=14mm

DC Plug Right Angle

DCP-5521AR A=2.1, B=5.5 mm

DCP-5525AR A=2.5, B=5.5 mm





STEREO EXTENSION / ADAPTOR CORDS

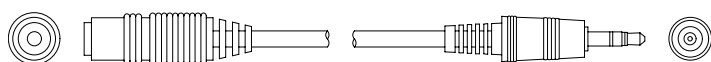
MMA-3.5F/RCA2-6'	3.5 Jack To 2 RCA Plug Cord, 6 ft
MMA-3.5M/RCA2-6'	3.5 Plug To 2 RCA Plug Cord, 6 ft
MMA-3.5MF-10'	3.5 Plug/Jack Extension Cord, 10ft
MMA-3.5MF2-1'	Sound Extension Splitter Cord, 1 ft
MMA-3.5MM-1'	3.5 Plug Sound Card Connection Cord, 1ft

MMA-RCAMF2-6"	RCA Male To 2 Female Adaptor Cord, 6"
MMA-RCAFF2-6"	RCA Female To 2 Female Adaptor Cord, 6"
MMA-RCAFM2-6"	RCA Female To 2 Male Adaptor Cord, 6"

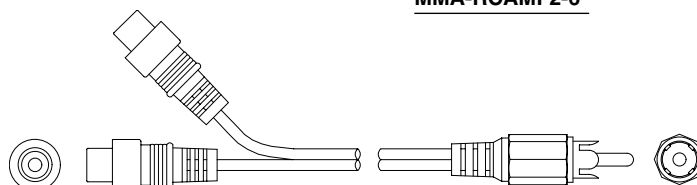
MMA-SVHS/RCA2-6'	S-VHS MD4 M to 2 RCA Plug 6'
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MMA-RCAMF2-6"



MMA-3.5MF-10'



MMA-RCAFF2-6"

RCA SERIES

<p>RCA-Plug, Molding Type, Machine Pin</p> <p>RCA-6001</p>	<p>RCA Push On With 1/8" Ring 59 Cable</p> <p>RCA-6021</p>	<p>SNAP-FIT Connector</p> <p>RCA-6021SN RG-59 RCA-6023SN RG-6 RCA-6024SN RG-59 Quad-Shield RCA-6029SN RG-6 Quad-Shield</p>	<p>Water Seal, Plug for MiniCoax</p> <p>RCA-6027WS</p>
<p>Jack-Jack, Bulkhead Feed-Thru</p> <p>RCA-6192 White RCA-6192(CC)</p> <p>CC: BK, BL, GN, RD, YW.</p>	<p>Jack-Jack, Bulkhead Feed-Thru, Gold Plated</p> <p>RCA-6192G(CC)</p> <p>CC: BK, BL, GN, RD, YW, WH.</p>	<p>SNAP-FIT, Gold Plated Plug</p> <p>RCA-6021GSN RG-59 RCA-6023GSN RG-6</p> <p> See PG 66 for Tools</p>	<p>RCA Female to 3.5 Mono Plug</p> <p>RFA-8902</p>

RCA IN-LINE COUPLERS

- Single Coupler with Black Jacket

RCA-6194
RCA-6194-RD
RCA-6194-YW



- Dual Coupler Red and White with Black or White Jacket

RCA-6195
RCA-6195-WH



- Triple Coupler Red, Yellow and White with Black or White Jacket

RCA-6196
RCA-6196-WH





BNC BLACK PATCH CABLE

• For RG59

MMA-B59-(LL)BK



LL= Length(ft): 1, 2, 3, 6, 8, 10, 15, 20, 25, 35, 50, 75, 100.

BNC EXTENSION CABLE

• For RG59

MMA-B59DCX-(LL)



LL= Length(ft): 15, 25, 35, 50, 75, 100, 150.

RCA VIDEO / AUDIO CABLES

DUPLEX CORD

MMA-RCA-MMD-(LL)



LL= Length(ft): 0.5", 1.5, 1, 3, 6, 10, 12, 15, 18, 20, 25, 50, 75.

TRIPLEX CORD

MMA-RCA3-MM-(LL)



LL= Length(ft): 3, 6, 10, 12, 15.

DELUXE GOLD PLATED TRIPLEX CORD

MMA-RCA3-MM-(LL)XL



LL= Length(ft): 3, 6, 10, 15, 25, 35, 50, 75, 100.

DELUXE GOLD PLATE, TRANSLUCENT TRIPLEX CORD

MMA-RCA3-MM-(LL)XLT



LL= Length(ft): 3, 6, 10, 15, 25.

AUTOMOTIVE AUDIO POWER CABLE

- High Voltage/High Current Power and Ground Cable is Manufactured from 100% Oxygen-Free High Conductivity Copper (OFHC) Encased in a Tough Chemical and Oil Resistant PVC Jacket.
- Highest Strand Counts in the Industry Ensure Ultimate Current Transfer and Flexibility

AKP-04BK-250 4AWG Solid Black 250ft

AKP-08BK-(LLL) 8AWG Solid Black

AKP-10BK-(LLL) 10AWG Solid Black

AKP-04TR-250 4AWG Translucent Red 250ft

AKP-08TR-(LLL) 8AWG Translucent Red

AKP-10TR-(LLL) 10AWG Translucent Red



AKP-10TR-100

LLL= Length(ft): 100, 250.

SPEAKER CABLE

- Speaker Cables Feature the Industry's Highest Strand Counts of Oxygen-Free High Conductivity Copper (OFHC) and Ultra-Flexible, High-Luster, Non-Grip PVC Jacketing.

AKS-10DTP-250 Mega-10 Translucent Speaker Duplex 10AWG 250ft.

AKS-12DTP-250 Mega-12 Translucent Speaker Duplex 12AWG 250ft.

AKS-12DTP-500 Mega-12 Translucent Speaker Duplex 12AWG 500ft.

AKS-16DTP-50 Mega-16 Translucent Speaker Duplex 16AWG 50ft.

AKS-16DTP-250 Mega-16 Translucent Speaker Duplex 16AWG 250ft.

AKS-16DTP-500 Mega-16 Translucent Speaker Duplex 16AWG 500ft.

AKS-16FWH-500 Flat-16 White Speaker Duplex 16AWG 500ft.
(Home Theater Sound Cable)

AKS-16DTP-50



BULK SPIRAL BOUND A / V CABLE

- Coax 2 Spiral Bound, 500ft. (Roll)

MMA-C59+2R RG59+2 Spiral

MMA-C6+2R-UL RG6+2 Spiral



BULK A / V CABLE

- 2-RCA Spiral ZIP, 1000ft.

MMA-2RZ-BK

