ULTRAVOLT PRODUCT OPTIONS



-H: HEAT SINK

For PCB-mounted A and C Series plastic package units in extended temperature environments.



-C: RF-TIGHT ALUMINUM ENCLOSURE

For ruggedized PCB or chassis mounting of any A or C Series unit. At frequencies greater than 500kHz, this option will reduce radiated RFI emissions 2-3 orders of magnitude.



-E: "EARED" MOUNTING PLATE

For chassis mounting any A or C Series plastic package unit. Requires additional length, but no additional width.



-M: SIX-SIDED MU-METAL SHIELD

Six-sided wrap-around feature is compatible with all accessories. At frequencies from 1Hz through 600Hz, this option will reduce radiated RFI & EMI emissions by 4-5 orders of magnitude.



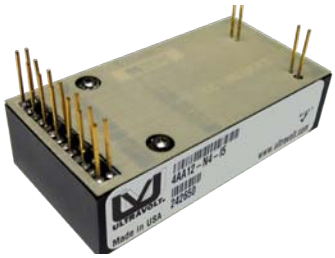
-25PPM: REDUCED TEMP. COEFFICIENT

Maintains a 25PPM temperature coefficient on both the output voltage and output voltage monitor (when present). Available on A, AA, C, and 10A-40A Series units.



-F: RIPPLE STRIPPER® OUTPUT FILTER

For the A, 10A-25A, or 30A-40A Series units. Reduces ripple 10 to 100 times. For greater performance, the -M Option should be used.



-I5/-I10: ENHANCED INTERFACE OPTIONS

For the AA and High Power C Series. Enhanced interface options that feature a +5V/+10V control and monitoring and constant voltage/constant current auto-crossover.

Specifications subject to change without notice.

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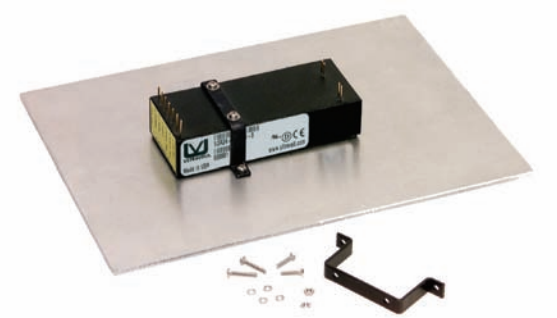
ULTRAVOLT PRODUCT ACCESSORIES

PRODUCT ACCESSORIES



BR-1 & BR-2: BRACKET KITS

For chassis mounting any A or C Series plastic package unit. Requires additional width, but no additional length.



BR-7 & BR-8: BRACKET KITS

For chassis mounting High Power C Series units.



BR-18: BRACKET KIT

For chassis mounting any AA Series plastic package unit. Requires additional width, but no additional length.

SYSTEM ACCESSORIES



USB-HV-RACK

USB control for an HV Rack® system. Enables users to control and monitor an HV Rack system via a PC.

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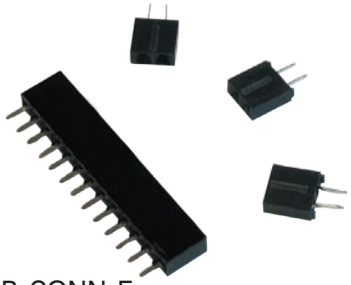
LOW VOLTAGE CONNECTORS & KITS



CONN-KIT-FL

Wire Harness Kit for FL Series Units
AMP#2-87499-3 Qty 2, #1-87309-4 Qty 15



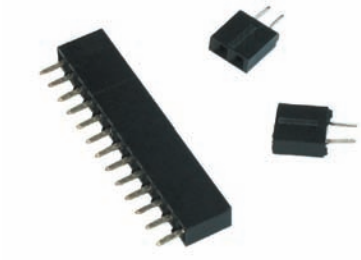
PCB-CONN-F

PCB-Mount Connector Kit
Allows HVPS to be mounted after PCB assembly.
AMP#534998-1 Qty 3, #1-535541-1 Qty 1



CONN-KIT-HP250

Wire Harness Kit for 250W C Series Units
AMP#2-87456-2 Qty 1, #87499-3 Qty 2, #1-87309-4 Qty 18,
#1-480702-0 Qty 1, #350705-1 Qty 4



PCB-CONN-STD

PCB-Mount Connector Kit
Allows HVPS to be mounted after PCB assembly.
AMP#534998-1 Qty 2, #1-535541-1 Qty 1



CONN-KIT-HP

Wire Harness Kit for 60W/125W C Series Units
AMP#2-87456-2 Qty 1, #87499-3 Qty 2, #1-87309-4 Qty 18



PCB-CONN-HP

PCB-Mount Connector Kit
AMP#1-534998-3 Qty 1, #534998-1 Qty 2,
#1-480702-0 Qty 1, #350705-1 Qty 4



CONN-KIT-F

Wire Harness for -F Equipped Units
AMP#2-87499-3 Qty 1, #87499-3 Qty 3, #1-87309-4 Qty 14



CONN-KIT

Wire Harness for A and C Series Units
AMP#2-87499-3 Qty 1, #87499-3 Qty 2, #1-87309-4 Qty 12

HIGH VOLTAGE CONNECTORS & CABLES

Industry Standard Connectors & Cables



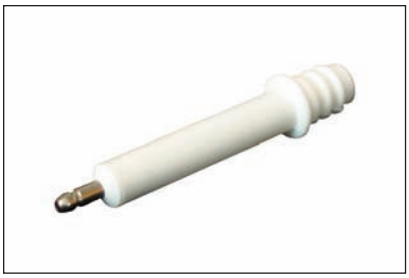
UV Option Part #: -AT20
UV Connector Part #: CN-20KV-1000
Manufacturer: Alden
Manufacturer Part #: A000.140
Mates to: CA-15KV-1000



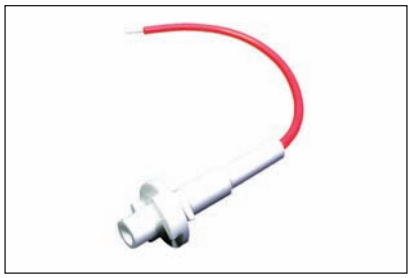
UV Option Part #: -AT24
UV Connector Part #: CN-35KV-1000
Manufacturer: Alden
Manufacturer Part #: F311-1
Mates to: CA-30KV-1000 or CN-35KV-1001



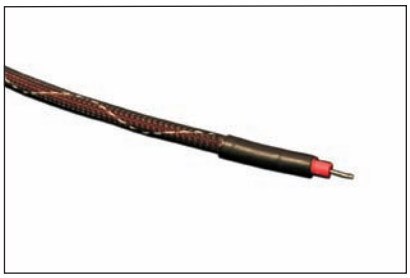
UV Option Part #: -AT50
UV Connector Part #: CN-30KV-1001
Manufacturer: Caton
Manufacturer Part #: 14203-LX
Mates to: N/A



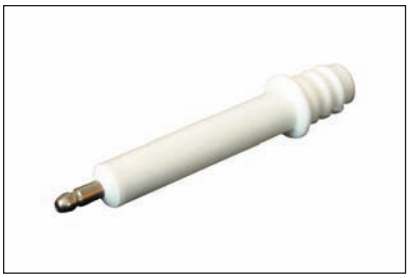
UV Option Part #: -AT21
UV Connector Part #: CN-30KV-1000
Manufacturer: Alden
Manufacturer Part #: F800.165
Mates to: CA-30KV-1001 or CN-35KV-1000



UV Cable Assembly Part #: CA-40KV-1002
Manufacturer: Alden
Manufacturer Part #: B110YX10
Mates to: CN-40KV-1000



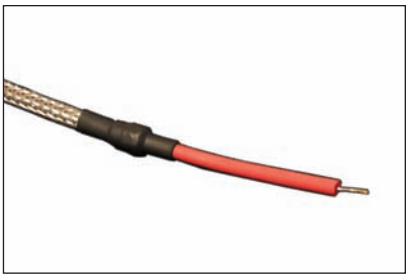
-AP Option
Anode Lead Protective Wrap:
Expandable, non-fraying, braided sleeving over HV flying lead



UV Option Part #: -AT23
UV Connector Part #: CN-35KV-1001
Manufacturer: Alden
Manufacturer Part #: F800.187
Mates to: CA-30KV-1001 or CN-35KV-1000



UV Cable Assembly Part #: CA-30KV-1001
Manufacturer: Alden
Manufacturer Part #: F404B9
Mates to: CN-30KV-1000 or CN-35KV-1001



-AS Option
Anode Lead Shield:
Braided shield over HV flying lead



UV Option Part #: -AT22
UV Connector Part #: CN-40KV-1000
Manufacturer: Alden
Manufacturer Part #: B200.200
Mates to: CA-40KV-1002



UV Cable Assembly Part #: CA-15KV-1000
Manufacturer: Alden
Manufacturer Part #: A400B
Mates to: CN-20KV-1000



UV Option Part #: -AT6
UV Connector Part #: LR-1000
Manufacturer: Amp or Jetron
Manufacturer Part #: 8-34142-1
Mates to: #6 stud

1800 Ocean Avenue, Ronkonkoma, NY 11779
Phone: 1-631-471-4444 Fax: 1-631-471-4696 www.ultravolt.com

HIGH VOLTAGE CONNECTORS & CABLES

MILSPEC/Ruggedized High Altitude Connectors



UV Option Part #: -AT10
UV Connector Part #: CN-10KV-1000
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH1/2
Mates to: N/A



UV Option Part #: -AT11
UV Connector Part #: CN-15KV-1000
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH1/2L
Mates to: CA-17205-L4



UV Option Part #: -AT12
UV Connector Part #: CN-20KV-1001
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH1
Mates to: CA-20KV-1001 or CA-20KV-1000



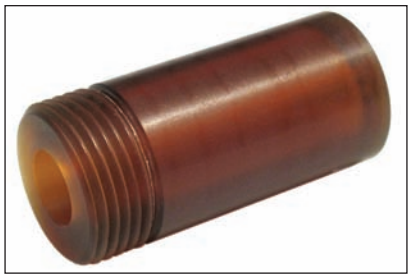
UV Option Part #: -AT13
UV Connector Part #: CN-25KV-1000
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH1L
Mates to: CA-25KV-1000



UV Option Part #: -AT14
UV Connector Part #: CN-30KV-1002
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH2
Mates to: CA-30KV-1002CA-30KV-1002



UV Option Part #: -AT15
UV Connector Part #: CN-40KV-1002
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH3
Mates to: CA-40KV-1000 or CA-40KV-1006



UV Option Part #: -AT16
UV Connector Part #: CN-50KV-1000
Manufacturer: Amp or Jetron
Manufacturer Part #: LGH4
Mates to: CA-50KV-1000 or CA-50KV-1002



UV Cable Assembly Part #: CA-17205-L4
Manufacturer: Jetron
Manufacturer Part #: 57-119-3
Mates to: CN-15KV-1000



UV Cable Assembly Part #: CA-20KV-1000
Manufacturer: Jetron
Manufacturer Part #: 56-185-14
Mates to: CN-20KV-1001



UV Cable Assembly Part #: CA-25KV-1000
Manufacturer: Jetron
Manufacturer Part #: 56-335-2
Mates to: CN-25KV-1000



UV Cable Assembly Part #: CA-40KV-1000
Manufacturer: Jetron
Manufacturer Part #: 56-158
Mates to: CN-40KV-1002



UV Cable Assembly Part #: CA-50KV-1000
Manufacturer: Jetron
Manufacturer Part #: 56-155
Mates to: CN-50KV-1000