SENSOR KIT FOR ARDUINO
A very handy kit containing 37 different devices with the standard 3-pin interface for Arduino. We sell many of these modules and sensors separately, but this kit would be a bargain for a classroom or experimental setting. In addition to a useful assortment of sensors, the kit includes a joystick, relay module, sound and light emitting modules and a pushbutton. Packaged in individual compartments in a sturdy clear plastic case with an easy-to-use display map on the cover showing the location of each item.
CAT # SKA-36 $36.00 each

CLOCK MODULE
The DS1302 trickle-charge time-keeping chip contains a Real-Time Clock/calendar. It communicates with a microprocessor via a simple serial interface. On-board CR2032 backup battery. Operates on 2.5-5.5 VDC @ 300mA. 44mm x 23mm x 11mm.
CAT # ME-48 $3.00 each

LOGIC LEVEL CONVERTER, BI-DIRECTIONAL
Bi-directional logic level converter safely steps down 5V signals to 3.3V and steps up 3.3V to 5V at the same time. This level converter also works with 2.8V and 1.8V devices. 0.63 x 0.52" (16.05 x 13.33mm).
CAT# LLC-46 $2.95 each

ARDUINO STACKABLE HEADER KIT
Works with Arduino Main Board, Pro & Mega. They clear the USB-B connector and enable stacking of multiple shields. This kit includes four headers (2 8-pin and 2 6-pin).
CAT# HDR-07 $1.50 each

WiFi MODULE - ESP8266
Self contained WiFi module capable of either hosting an application or offloading all Wi-Fi networking functions from another application processor. Pre-programmed with an AT command set firmware. Operating voltage 3.3V.
CAT# ESP-8266 $5.00 each

3V 40MA
Output: approximately 3 Volts @ 40 mA. 60mm square x 2.5mm thick epoxy-encapsulated silicon photovoltaic cell. Solid, almost-unbreakable module with solderable foil strips on backside. Ideal for solar-powered battery chargers and other projects.
CAT # SPL-30 $1.15 each 10 for $1.00 each

16 x 2 LCD W/ KEYPAD
For Arduino compatible boards for user input & menu selection in custom applications. Features a 1602 white character LCD with blue LED backlight and 4-bit Arduino LCD library. Character size: 2.95 x 4.35mm. Keypad consists of 6 keys: select, left, up, down, right & reset. Potentiometer for dimmable backlighting. LED indicator. Operates on 5Vdc. 80mm x 58mm x 13mm.
CAT# ST-1113 $5.95 each

RFID READ AND WRITE KIT
Allows you to both read and write MiFare-type cards. Includes one credit-card style tag and one key-fob style tag.
CAT # ME-138 $5.75 each

JOYSTICK SHIELD
Turn your Arduino into a gamepad. Features the Nokia 5110 LCD / nRF24L01 interface. 7 pushbuttons (four big, two small, joystick select button) and a two-axis thumb joystick. Operates on 3.3-5Vdc.
CAT# ST-1124 $4.00 each

UNO R3 STARTER KIT
A very useful, not to mention economical, kit including an Arduino Uno R3 equivalent microcontroller and a large selection of devices you will want for a number of projects using the Arduino microcontroller. Includes an expansion board, extra breadboards, motors, motor drivers, a relay board, a remote control keypad, joystick, LCD, LED displays, LEDs, jumpers, headers, sensors, switches, pots, battery holder and more. All of this packaged in a well organized, divided plastic case. You can’t go wrong with this. These items purchased separately would be considerably more.
CAT # SKA-47 $45.00 each

SOLAR CELLS
3V 800MA
Ideal for hobby and educational projects. 82 x 46 x 2mm high. 7” pigtail leads.
CAT # SOL-2N $1.10 each 10 for $1.00 each

New Item

ORDER TOLL FREE 1-800-826-5432

New Item
**ALPHANUMERIC DISPLAYS**

**4 DIGIT RED CLOCK DISPLAY, 0.4” DIGITS**  
MSCQ4911C  
4 character 7-segment LED display module. Red characters. Semi-colon between middle digits. Decimal points after all digits. Gray face. Common Anode. 0.508” H x 1.582” W x 0.276” D. Fits our part# ICS-22W.  
**CAT# FDA-5**  
85¢ each • 10 for 75¢ each

**3-DIGIT 7-SEGMENT LED DISPLAY, .28” GREEN**  
LTC-2621G. 7-segment, 3 character LED display module. Lights green. Common anode. 2.1V 20mA. 0.891” L x 0.394” W x 0.24” h (22.64mm L x 10mm W x 6.1mm H). 0.28” (7.00mm) digits. 16-pin DIAP configuration.  
**CAT# TDA-26**  
85¢ each  
10 for 80¢ each • 100 for 70¢ each

**2.3” 5 X 8 RED-GREEN DOT MATRIX**  
Lite-On # LTP2558AA-RA  
Large. 2.3” matrix height. Red-Orange and Green LEDs. Overall dimensions, 2.40” x 1.5” x 0.33”. Gray face with white dots in off-state. Spec sheet available.  
**CAT# SDD-25**  
$1.00 ea. • 10 for 80¢ ea.

**COOL-WHITE DUAL LED ASSEMBLY**  
Nice bright miniature LED light source for display and lighting applications. 2 high-brightness surface-mount white LEDs mounted on a 0.56” x 0.31” (7 x 14mm) pc board. Built-in circuitry for 8V operation. Two pc pins on 5mm centers.  
**CAT# LED-2W**  
5 for $1.00  
100 for 12¢ each

**12 VDC W/ PLASTIC HOUSING**

**12 VDC LED MODULES & STRIPS**

**WEATHER-RESISTANT 12 VDC LED MODULE, COOL-WHITE**  
Miniature lensed weather-resistant LED module provides 160° of cool white light. Narrow footprint and adhesive backing makes it easy to mount, even on curved surfaces. IP67 rating for outdoor use. Wired together in 20 module strands, with LEDs on 2.36” centers. Can be purchased individually.  
**CAT# LED-161CW**  
$0.80 module  
20 for 70¢ per module

**12 VDC MODULE STRIPS**  
Rugged, high-luminosity 3-LED modules suitable for indoor or outdoor, shelf, display or sign lighting. Operates on 12Vdc. Dimmable. Covered lens protects against humidity and sun damage. Double-stick tape on back of each module for attachment to clean, flat surface. Hole for screw mounting. Modules linked on 2-conductor 18AWG zip cord, 161mm (6.5”) center-to-center spacing. Maximum string is 50 modules, 10 meters (32Ft). 12Vdc. 0.72W per module, 36W per string. UL, CE. Can be used w/ dimmer CAT# DMR-8  
**Warm White**  
CAT# LS-123WW  
$2.25 per module  
10 for $2.00 per module  
50 for $1.75 per module

**Cool White**  
CAT# LS-123CW  
85¢ each • 10 for 75¢ each

**Red**  
CAT# LS-123R  
85¢ each • 10 for 75¢ each

**Yellow**  
CAT# LS-123Y  
85¢ each • 10 for 75¢ each

**Green**  
CAT# LS-123G  
85¢ each • 10 for 75¢ each

**Blue**  
CAT# LS-123B  
85¢ each • 10 for 75¢ each

**Cool White**  
CAT# LS-123HCW  
High-Power. 1.2W per module. 60W (50 x 1.2W) per string.  
$2.25 per module  
10 for $2.00 per module  
50 for $1.75 per module

**LOW PROFILE 3-LED MINI MODULE, COOL-WHITE**  
Miniature 3-LED module, ideal for indirect lighting, cabinet lighting, sign backlights or outdoor lighting. Provides 120-degrees of cool white light. 12 Vdc. 30mA current, 36W per module. Narrow footprint and adhesive backing makes it easy to mount, even on curved surfaces. IP67 rating for outdoor use. Wired together in 20 unit strands, with modules on 2.72” centers. Can be purchased individually.  
**CAT# LPM-3**  
85¢ module  
20 for 75¢ per module

**12 VDC RED LED**  
5mm red diffused LED. Press-fit mounting in 0.25” diameter hole. Two 10” pigtail leads.  
**CAT# LED-12VR**  
$1.15 each  
10 for $1.05 each • 100 for 90¢ each
12 VDC LED LIGHT STRIPS

Adhesive-backed ribbon with surface-mount ultrabright LEDs. Ideal accent lighting in auto or home. Dimmable. Can be cut every third LED or 50mm (approx. 0.2”) and each segment can be lit independently. Wires can be soldered directly to solder spots on ribbon tape. 5 Meters, 100 segments per continuous strip. Can be connected end-to-end for longer strips. Can be purchased in 2” (3-led) segments.

Cool-white CAT# LS-12-CW $1.00 each
2 segments for $1.00
10 segments 40¢ per segment

Warm-white CAT# LS-12-WW $1.00 each
2 segments for $1.00
10 segments 40¢ per segment

Neutral-white CAT# LS-12-NW $1.50 per 3-led segment
10 segments $1.30 per segment
100 segments $1.00 per segment

ECONOMY MODULES COOL-WHITE

Very bright, but less bright than our other modules. 3.5” wires between modules. 20 modules per string. 0.72W per module

CAT# LS-200CW $1.40 per module
20 modules for $1.10 per module
100 modules for 85¢ per module

12-24 VDC 8A DIMMER

Designed for 12-24 VDC LED strip lights like our CAT#s LS-12-CW, NW, WW. Clearly-marked screw-clamp input/output terminals. Rotary adjustment. 3.5” x 2.35” x 2.25” high. Mounting holes on 1.6” x 3.1” centers.

CAT# DMR-8 $19.95 each

POCKET-SIZED LED TESTER

Handy device for testing LEDs (2-150mA). Simply plug your LED into the correct holes and push the button to test its brightness, illuminant color, etc. The top row is for 2 pin LEDs with currents ranging from 2mA - 30mA. The bottom row is for 4 pin LEDs (super-flux LEDs) with currents ranging from 20mA -150mA. Powered by a 9V battery (included).

CAT# LT-100 $8.95 each

FUSE LAMPS

Popular lamps which are the same size as a 3AG 1/4” x 1 1/4” (AGC) fuse.

<table>
<thead>
<tr>
<th>VOLTS</th>
<th>CAT#</th>
<th>EACH</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>LPFS-6</td>
<td>$1.65</td>
<td>$1.50</td>
</tr>
<tr>
<td>8</td>
<td>LPFS-8</td>
<td>$1.65</td>
<td>$1.50</td>
</tr>
<tr>
<td>12</td>
<td>LPFS-12</td>
<td>$1.65</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

720 VAC LED LAMP

• Earthtronics # LEDX485090
• 120Vac, 60Hz, 0.062A, 3.5W
• Off-white (beige), 7.5” diameter
• 6” diameter x 1.25” depth behind bezel
• 61 LED array, cool-white 5000K
• Comparable to 50-60W incandescent lamp
• Designed to snap into 6” dia. recessed can
• Pigtail leads

CAT# LED-485 $4.75 each

120 VAC RETROFIT LED DOWNLIGHTS, 4-PACK

• 120Vac, 9W LED lamps for 5”-6” recessed cans
• Dimmable 10%-100%
• Standard medium screwbase
• Normal-white, 4000K color temp
• 650 lumens
• Energy Star, cULus, FCC

CAT# LMP-56NW $19.95
10 for $16.00 pack of 4 lamps

12 VDC FLASH ASSEMBLY

Bright xenon strobe assembly for highway emergency signal. Approximately 80 flashes per minute. 12Vdc operation. Horseshoe flash tube (31.5 x 16 x 6mm) mounted on 65 x 75mm pc board. On/off switch. Easy to connect. See hook-up diagram on-line spec sheet.

CAT# FSH-13 $4.50 ea. • 10 for $4.00 ea.

LED FESTOON LAMPS

6 LED festoon lamps operates on 12 AC/DC 45mA.
120° radiance angle. 10.7mm dia. x 44mm L.

Cool-white - 45 lumen. 6000 CCT(K).
CAT# HFL-12CW $4.50 each
10 for $4.35 each

Warm-white - 40 lumen. 3000 CCT(K).
CAT# HFL-12WW $4.50 each
10 for $4.35 each

Festoon socket for 44mm lamps. Fits CAT#s HFL-12CW and HFL-12WW. Can be used with other 37-44mm festoon based lamps and LEDs.

CAT# FLF-3 $75¢ each • 10 for 70¢ each

120 VAC LED LAMP

• Earthtronics # LEDX485090
• 120Vac, 60Hz, 0.062A, 3.5W
• Off-white (beige), 7.5” diameter
• 6” diameter x 1.25” depth behind bezel
• 61 LED array, cool-white 5000K
• Comparable to 50-60W incandescent lamp
• Designed to snap into 6” dia. recessed can
• Pigtail leads

CAT# LED-485 $4.75 each

FUSE LAMPS

Popular lamps which are the same size as a 3AG 1/4” x 1 1/4” (AGC) fuse.

<table>
<thead>
<tr>
<th>VOLTS</th>
<th>CAT#</th>
<th>EACH</th>
<th>10</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>LPFS-6</td>
<td>$1.65</td>
<td>$1.50</td>
</tr>
<tr>
<td>8</td>
<td>LPFS-8</td>
<td>$1.65</td>
<td>$1.50</td>
</tr>
<tr>
<td>12</td>
<td>LPFS-12</td>
<td>$1.65</td>
<td>$1.50</td>
</tr>
</tbody>
</table>

120 VAC LED LAMP

• Earthtronics # LEDX485090
• 120Vac, 60Hz, 0.062A, 3.5W
• Off-white (beige), 7.5” diameter
• 6” diameter x 1.25” depth behind bezel
• 61 LED array, cool-white 5000K
• Comparable to 50-60W incandescent lamp
• Designed to snap into 6” dia. recessed can
• Pigtail leads

CAT# LED-485 $4.75 each

120 VAC RETROFIT LED DOWNLIGHTS, 4-PACK

• 120Vac, 9W LED lamps for 5”-6” recessed cans
• Dimmable 10%-100%
• Standard medium screwbase
• Normal-white, 4000K color temp
• 650 lumens
• Energy Star, cULus, FCC

CAT# LMP-56NW $19.95
10 for $16.00 pack of 4 lamps

12 VDC FLASH ASSEMBLY

Bright xenon strobe assembly for highway emergency signal. Approximately 80 flashes per minute. 12Vdc operation. Horseshoe flash tube (31.5 x 16 x 6mm) mounted on 65 x 75mm pc board. On/off switch. Easy to connect. See hook-up diagram on-line spec sheet.

CAT# FSH-13 $4.50 ea. • 10 for $4.00 ea.
WEATHERPACK IN-LINE CONNECTOR KITS

Pictured is 3-conductor kit WP3-(XX)

Delphi Weatherpack Connectors are environmentally sealed electrical connections designed to withstand exposure to extreme temperatures and moisture. Terminals are tin plated and have special core wings which allow crimp-only connections, eliminating the need for solder. The connector and cavity seals are triple-ribbed and made of self-lubricating silicone. Cavity plugs are available to fill unused cavities. Pin and sleeve-type terminals rated 0.5 - 16V @ 20A. Designed for automotive, marine and heavy industrial use. See our website for refills or individual connectors.

155 PIECE KIT
includes 2 each male and female connectors, 1, 2, 3, 4, 6-contact with pins, seals, plugs, insertion tool and storage box.
CAT# CKT-155
$80.00 each

1104 PIECE KIT
includes the following male and female connectors, 10 1-contact, 8 2-contact, 6 3-contact, 4 4-contact, 3 5-contact, 4 6-contact with pins, seals, plugs, insertion tool & storage box.
CAT# CKT-1104
$195.00 each

CRIMP TOOL FOR WEATHERPACK CONNECTORS
Durable, hardened crimp stations and steel parallel jaws eliminate faulty crimps on a wide range of gauge wire terminations. These tools work well with our Weatherpack kits.
CAT# CT-18
$37.50 each

LOSIX CONNECTOR SET
Connector set with wires: Micro-T/B/DT Female: 2.7" leads Male: 1" leads CAT# CON-860 $1.00 pair

2-CONDUCTOR RC POWER CONNECTOR
Also know as a Deans connector, this connector is frequently used with Lithium-ion battery packs in RC applications. One male, one female connector. 13 x 7mm.
CAT # CON-2D $1.00 pair

WEATHER-RESISTANT CONNECTORS

SCREW-LOCK CONNECTORS
Male and female screw-together connectors in weather-tight plastic housings with rubber O-ring seals. VW-1 cables rated 80° with color-coded 18 AWG stranded conductors. Suitable for indoor or outdoor use.

2-CONDUCTOR – Male and female – 2.1mm coax connectors on 15" cables, stripped and tinned ends. Mates with WTC-482 extension cable.
CAT# WTC-152 $3.35 / pair

2-CONDUCTOR EXTENSION CABLE, 48"
CAT# WTC-482 Reduced Price
$3.25 each

3-CONDUCTOR – Male and female connectors on 15" cables, stripped and tinned ends. Mates with WTC-483 extension cable.
CAT# WTC-153 Reduced Price
$3.75 / pair

3-CONDUCTOR EXTENSION CABLE, 48"
CAT# WTC-483 Reduced Price
$4.40 $3.85 each

Reduced Price

Incredible Price!!!

24 CHARACTER X 1 LINE LCD

Wintek# WDC2401P-1GNNA. Module size: 4.25” x 0.79” x 0.3”. Display size: 3.5” x 0.4”. Built-in driver.
CAT# LCD-111
2 for $1.00
100 for 25¢ each • 500 for 23¢ each
1000 for 20¢ each

256 X 128 LCD PANEL
Hyundai # HG25504. 5.8” x 4.58” graphic display module with SED1330F onboard controller. Viewing area is 5” x 2.75”. 5 Vdc logic. 18 Vdc LCD voltage. Includes hook-up diagram.
CAT # LCD-101
$6.00 each

NEW ITEM

LCD CHARACTER DISPLAYS

LCD CONTROLLER

SERIAL INTERFACE MODULE
FOR 16 X 2 LCDS
Arduino compatible controller for 16 x 2 LCD modules. Output for LED backlight. 16-pin header soldered into LCD. 42 x 19 x 8mm pc board (excluding header pins).
CAT# LCD-SI
$3.00 each

MOST ORDERS SHIPPED WITHIN 24-48 HOURS
### DIGITAL PANEL METERS

#### DUAL DIGITAL LED PANEL METERS

Volts and Amps on the same compact digital meter.

Built-in shunt.

Bright 0.28” red LEDs.

Snap-mounts into 46 x 27mm (1.80” x 1.05”) rectangular cut-out.

Black bezel, 47.5 x 28.5mm.

**3.3–30 VDC AND 0-5A SCALES**

3-wire, common ground, connection.

Can monitor its own voltage.

**CAT# PM-233** $10.50 each

**0-100VDC AND 0-5A SCALES**

5-wire connection. Can be used like CAT# PM-233 to monitor its own voltage (3.3-30 Vdc) or, using separate power source for display, can measure to 100 Vdc.

**CAT# PM-23** $12.00 each

**60-500 VAC DIGITAL PANEL METER**

3-digit AC panel meter. Bright 0.57” high LED digits. 1.875” x 1.15” black bezel. Snap-mounts in 1.8” x 1.1” panel cut-out.

Detachable connector w/ 5” leads.

**CAT# PM-117** $8.75 each

**3.3–30 VDC DIGITAL PANEL METERS**

3-digit DC panel meter. Bright 0.57” high LED digits. 1.875” x 1.15” black bezel. Snap-mounts in 1.1” x 1.8” panel cut-out.

Detachable connector w/ 5” leads.

Red **CAT# PM-123** $8.35 each

Green **CAT# PM-123G** $8.35 each

Blue **CAT# PM-123B** $8.35 each

**0-100V DC VOLTMETER**

3-digit LED voltmeter for 0-100VDC range. 0.28” digits on a 0.89” x 0.39” display. Available with red or blue digits on black background.


Red digits **CAT# PM-126** $3.95 each

Blue digits **CAT# PM-126B** $3.95 each

**TIME - TEMPERATURE - VOLTAGE METER**

3 in 1 module -- clock, thermometer, voltmeter, using the DS3231 chip.

Can display any one or cycle through all three.

Power supply voltage: DCS.0 - 30V. Temperature range: -40 to 85°C, resolution 0.1°C. Voltmeter range: DC5 – 30V. Dimensions: 40 x 13mm. Requires connector we suggest our CAT# CON-240.

Requires power supply, any 5-30 Vdc 300 mA.

**CAT# DCLK-1** $7.95 each

---

#### PM89 SERIES PANEL METERS

3.15” x 2.5” x 2” depth. 2.5% accuracy. Large clear scale, black lettering on white background.

**DC MICROAMMETERS**

<table>
<thead>
<tr>
<th>CAT#</th>
<th>EACH</th>
<th>10+</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMD-50UA</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-100UA</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
</tbody>
</table>

**DC MILLIAMMETERS**

<table>
<thead>
<tr>
<th>CAT#</th>
<th>EACH</th>
<th>10+</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMD-1MA</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-25MA</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-50MA</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-100MA</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-300MA</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-500MA</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
</tbody>
</table>

**DC AMMETERS**

<table>
<thead>
<tr>
<th>CAT#</th>
<th>EACH</th>
<th>10+</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMD-1A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-3A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-5A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-10A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-15A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-25A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-30A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-50A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-100A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-200A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
</tbody>
</table>

**DC VOLTMETERS**

<table>
<thead>
<tr>
<th>CAT#</th>
<th>EACH</th>
<th>10+</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMD-10V</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-15V</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-30V</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-50V</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-100V</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMD-150V</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
</tbody>
</table>

**AC AMMETERS**

<table>
<thead>
<tr>
<th>CAT#</th>
<th>EACH</th>
<th>10+</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMA-1A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMA-3A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMA-5A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMA-10A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMA-15A</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
</tbody>
</table>

**AC VOLTMETERS**

<table>
<thead>
<tr>
<th>CAT#</th>
<th>EACH</th>
<th>10+</th>
</tr>
</thead>
<tbody>
<tr>
<td>PMA-10V</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMA-25V</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMA-150V</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
<tr>
<td>PMA-300V</td>
<td>$13.50</td>
<td>$13.00</td>
</tr>
</tbody>
</table>

**SHUNTS**

For use with DC Ammeters where external shunts are required. Adjusted for 50 mV drop.

<table>
<thead>
<tr>
<th>CAT#</th>
<th>EACH</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAT# SNT-25</td>
<td>$13.00</td>
</tr>
<tr>
<td>CAT# SNT-30</td>
<td>$13.00</td>
</tr>
<tr>
<td>CAT# SNT-50</td>
<td>$13.00</td>
</tr>
<tr>
<td>CAT# SNT-100</td>
<td>$15.50</td>
</tr>
<tr>
<td>CAT# SNT-200</td>
<td>$18.00</td>
</tr>
</tbody>
</table>

ORDER TOLL FREE 1-800-826-5432