

PRODUCTS

Pintek Electronics Co., Ltd

2014 Condensed Catalog



ELECTRONICS INSTRUMENT



PINTEK

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Differential Probe

01

DP-30K

30KV / 50MHz

(High Voltage, 200mV Sensitivity Model)

- 30KVp-p, High Voltage Model .
- Input Impedance $40M\Omega // 1.3PF$
- x200, x2000 Attenuator, Easy to Convert.
- Separating Design(Standard No.114205)
- Convenient & Durable.

NEW!



- ★ 30KV High Voltage !
- ★ 200mV Sensitivity !

ACCESSORIES

ADP-100V/115V/230V



BP-250



BP-366

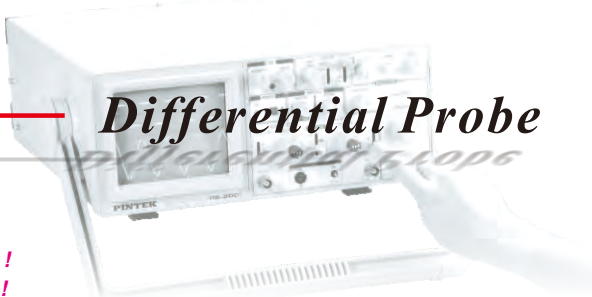


BP-266



BP-276N





- ★ High Sensitivity !
- ★ High Voltage !

10 Multiple
Calculation



- ★ 15KV High Voltage !
- ★ 100mV Sensitivity !

DP-35

35MHz / 1600Vp-p
(High Sensitivity, High Voltage Model)

- High Sensitivity, High Voltage Model .
- 35MHz/1600 Vp-p Max.
- Input Impedance $9M\Omega // 1.7PF$
- x10, x100 Attenuator, Easy to Convert.
- Separating Design(Standard No.114205)
Convenient & Durable.

DP-15K

15KV / 35MHz
(High Voltage, 100mV Sensitivity Model)

- 15KVp-p, High Voltage Model .
- Input Impedance $50M\Omega // 1.3PF$
- x100, x1000 Attenuator, Easy to Convert.
- Separating Design(Standard No.114205)
Convenient & Durable.

ACCESSORIES

ADP-100V/115V/230V



BP-250



BP-366(DP-15K)



BP-356N(DP-35)



BP-256N
(DP-35)



BP-266
(DP-15K)



BP-276N



Differential Probe

03



DP-100

4 RANGE X100, X200, X500, X1000
(7KVp-p / 100MHz)

- 4 Range Attenuator.
- 7KV High Voltage Input.
- Over Range Indicate LED.
- High Input Impedance: $100M\Omega$ // 1.3PF
- Carry Box.
- Adaptor Input Auto Regulation System.

DP-50

4 RANGE X100, X200, X500, X1000
(6KVp-p / 50MHz)

- 4 Range Attenuator.
- 6KV High Voltage Input.
- Over Range Indicate LED.
- High Input Impedance: $54M\Omega$ // 1.3PF
- Adaptor Input Auto Regulation System.



★ **Economic Model!**

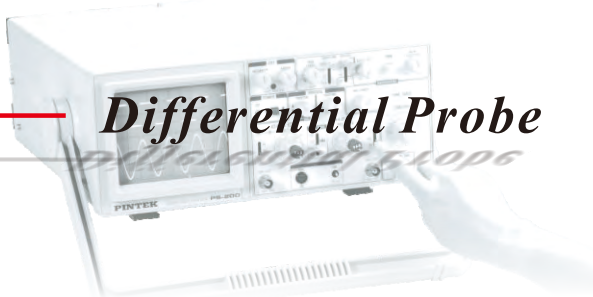


★ **Economic Model!**

DP-25

(1KVp-p / 25MHz)

- 3 Range x20, x50, x200
- 1000V Input CAT III.
- Separating Design, Convenient, Durable.
- Meet CE, IEC 1010, EN 61010, UL 3111.
- Adaptor Input Auto Regulation System.

**DP-200pro****200MHz / 1.6KVp-p****(Super High Frequency Performance Model)**

- Super High Frequency Performance Model.
- Measuring Range: 20mVp-p~1.6KVp-p.
- Bandwidth: DC~200MHz(-3dB)
- 4 Range: x20, x50, x100, x200.
- Input Impedance: $18M\Omega // 1.7PF$
- Over Range Indicate LED.
- Adapter Input Auto Regulation System.

DP-150pro**150MHz / 8KVp-p****(Super Range Performance Model)**

- Super Range Performance Model.
- Measuring Range: 10mVp-p~8KVp-p.
- Bandwidth: DC~150MHz(-3dB).
- 5 Range: x10, x30, x100, x300, x1000.
- Input Impedance: $100M\Omega // 1PF$
- Over Range Indicate LED.
- Adapter Input Auto Regulation System.

ACCESSORIES*for DP-100 / DP-150pro / DP-14K / DP-20K***ADP-100V/115V/230V****BP-250****BP-366****BP-266****BP-286N****BP-276N****PX-501**

Differential Probe

05

DP-20K

4 RANGE X300, X600, X1500, X3000
(20KVp-p / 20MHz H.V.Model)

- High Impedance $100M\Omega // 1.3PF$.
- 4 Range Attenuator.
- 20KVp-p High Voltage Input.
- Over Range Indicate LED.
- Adapter Input Auto Regulation System.
- Separating Design, Convenient, Durable.
- Option PL-10 to Connect With DMM.



20KVp-p

DP-14K

4 RANGE X200, X400, X1000, X2000
(14KVp-p / 75MHz)

- High Impedance $100M\Omega // 1.3PF$.
- 4 Range Attenuator.
- 14KVp-p High Voltage Input.
- Over Range Indicate LED.
- Adapter Input Auto Regulation System.
- Separating Design, Convenient, Durable.
- Option PL-10 to Connect With DMM.

14KVp-p



DP-14K/DP-20K
High Voltage
Differential Probe

BP-250

PL-10

MT-246N

Oscilloscope

DMM

Feed $10M\Omega$
Impedance

22KVp-p

**DP-22Kpro**

120MHz / 22KVp-p

(Super High Frequency Performance Model)

- Super Range Performance Model.
- Measuring Range: 30mVp-p~22KVp-p.
- Bandwidth: DC~120MHz(-3dB).
- 5 Range: x30, x100, x300, x1000, x3000.
- Input Impedance: 100M Ω //1PF
- Over Range Indicate LED.
- Adapter Input Auto Regulation System.

Applications:

- High-speed Switch Mode Power Supply Design.
- Digital Design and Characterization.
- Manufacturing Engineering Test.
- Research and Development.
- High-Speed Digital Design.
- CAN/LIN Bus Design.

ACCESSORIES

ADP-100V/115V/230V



BP-250



BP-366



BP-266



BP-286N



BP-276N



PX-502



Differential Probe

07

DP-30HS

3 RANGE X1, X2, X10
(High Sensitivity Model)

- High Sensitivity Model.
- 65 Vp-p/ 30MHz Max.
- 3 Range: x1/ x2/ x10
- Input Impedance $2M\Omega // 1.7PF$
- Option PL-10 to Connect With DMM.

**High Sensitivity
1:1 Range**

DP-40LV

3 RANGE X10, X120, X100
(Low Voltage Model)

- Low Voltage Model.
- 650 Vp-p/ 40MHz Max.
- 3 Range: x10/ x20/ x100
- Input Impedance $4M\Omega // 1.2PF$
- Option PL-10 to Connect With DMM.

**X10
Range**

DP-65Pro

3 RANGE X20, X50, X200
(Performance Model)

- Performance Model.
- 1600 Vp-p/ 65MHz Max.
- 3 Range: x20/ x50/ x200
- Input Impedance $18M\Omega // 1.7PF$
- Over Range Indicate LED.
- Adaptor Input Auto Regulation System.

ACCESSORIES

for DS-30HS / DP-40LV / DP-65pro / DP-200pro

ADP-100V/115V/230V



BP-250



BP-356N



BP-256N



BP-286N



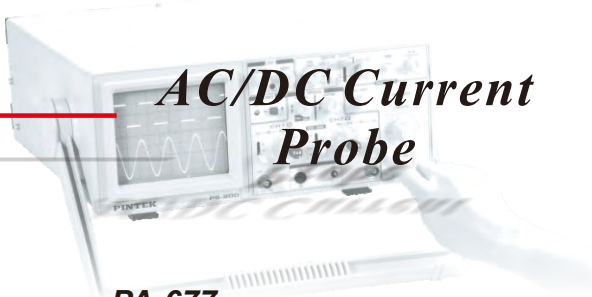
BP-276N



PX-501



AC/DC Current Probe



PA-677

DC~1MHz / 2mA~70ADC, 140Ap-p

- Max. $\pm 70\text{ADC}/140\text{Ap-p}$
- Sensitivity: $\geq 2\text{mA}$
- Bandwidth: DC~1MHz
- Rise Time: $0.35\mu\text{S}$
- Over Range Function
- 50mV/A, 500mV/A Range
- Adaptor/Battery Input
- Separating Design,
- Convenient Durable

2mA/1MHz

PA-699

DC~1.5MHz / 1mA~40ADC, 80Ap-p

- Max. $\pm 40\text{ADC}/80\text{Ap-p}$
- Sensitivity: $\geq 1\text{mA}$
- Bandwidth: DC~1.5MHz
- Rise Time: $0.23\mu\text{S}$
- Over Range Function
- 1V/A, 0.1V/A Range
- Adaptor/Battery Input
- Separating Design,
- Convenient Durable

1mA/1.5MHz

High Sensitivity!

ACCESSORIES

ADAPTER (ADP-110/115/230
DC 9V/300mA)



BP-250



BP-246N (Connect to DMM)



AC/DC Current Probe

09

PA-655

DC~500KHz; $\geq 5\text{mA}$

- Max. $\pm 50\text{A DCA}$
- Resolution: $\geq 5\text{mA}$
- Bandwidth: DC~500KHz
- Rise Time: $0.7\mu\text{s}$
- Over Range Function.
- 20mV/A , 200mV/A Range.
- Adaptor/Battery Input.
- Separating Design, Convenient Durable.

5mA/500KHz

NEW!



PA-622

DC~300KHz; $\geq 10\text{mA}$

- Max. $\pm 100\text{A DCA}$
- Resolution: $\geq 10\text{mA}$
- Bandwidth: DC~300KHz
- Rise Time: $1.2\mu\text{s}$
- Over Range Function.
- 10mV/A , 100mV/A Range.
- Adaptor/Battery Input.
- Separating Design, Convenient Durable.

10mA/300KHz

NEW!



Low Noise!

ACCESSORIES

ADAPTER (ADP-110/115/230
DC 9V/300mA)



BP-250



BP-246N (Connect to DMM)



High Voltage Amplifier

**800 Vp-p
±100mA**



**800 Vp-p
±35mA**



HA-805

(800Vp-p / 100mA) (High Power Model)

- Max. Output Voltage : 800Vp-p (±400V)
- Bandwidth : DC~300KHz(400Vp-p)
- Output Current : ≤ 100mA
- Offset: ≤ 0~ ±400V DC(10 Turn VR)
- Voltage Gain : ≤ 0~180(10 Turn VR)
- Slew Rate(typ): 300V/us
- Output Protection Switch(7.5KΩ/80Watt)
- Microprocess Control Protection.

HA-800

(800Vp-p / 35mA)

- Max. Output Voltage : 800Vp-p (±400V)
- Bandwidth : DC~200KHz(400Vp-p)
- Max Output Current : 35mA
- Offset: ≤ 0~ ±400V DC(10 Turn VR)
- Voltage Gain : ≤ 0~180(10 Turn VR)
- Slew Rate(typ): 200V/us
- Output Protection Switch(15KΩ/40Watt)
- Microprocess Control Protection.

ACCESSORIES

BP-250(x 2pcs)



BNC Plug to BNC Plug
(50Ω RG58C UL, 100 cm)

BP-253N



Banana Plug to
Alligator Clip

High Voltage Amplifier

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**400 Vp-p
±200mA**

HA-405

(400Vp-p / 200mA)(High Power High Bandwidth)

- Max. Output Voltage : 400Vp-p ($\pm 200V$)
- Bandwidth : DC~1MHz(200Vp-p)
- Output Current : $\leq 200mA$
- Offset: $\leq 0 \sim \pm 200V$ DC(10 Turn VR)
- Voltage Gain : $\leq 0 \sim 90$ (10 Turn VR)
- Slew Rate(typ): 500V/us
- Output Protection Switch(2K Ω /80 Watt)
- Microprocess Control Protection.



**400 Vp-p
±80mA**

HA-400

(400Vp-p / 80mA)

- Max. Output Voltage : 400Vp-p ($\pm 200V$)
- Bandwidth : DC~600KHz(200Vp-p)
- Max Output Current : 80mA
- Offset: $\leq 0 \sim \pm 200V$ DC(10 Turn VR)
- Voltage Gain : $\leq 0 \sim 90$ (10 Turn VR)
- Slew Rate(typ): 300V/us
- Output Protection Switch.



ACCESSORIES

BP-250(x 2pcs)



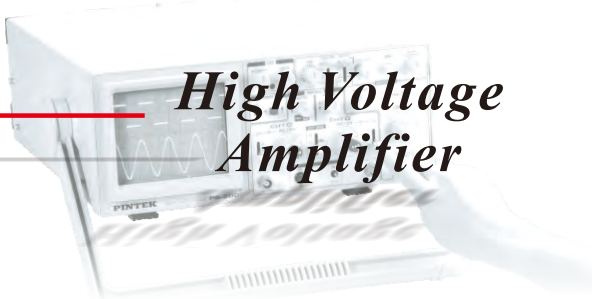
BNC Plug to BNC Plug
(50 Ω RG58C UL, 100 cm)

BP-253N



Banana Plug to
Alligator Clip

High Voltage Amplifier



**170 Vp-p
±450mA**

HA-205

(170Vp-p/450mA, High Speed Model)

- Very High Speed: 2500V/us
- High Current Output:
450mA DC, 900mA ACp-p
- Voltage Output: 170Vp-p
- Offset: ±80V (10 Turn VR)
- Voltage Gain: 0~35 (10 Turn VR)
- Bandwidth: DC~3MHz (100Vp-p)
- Microprocess Control Protection



★ **Very High Speed Model !**

APPLICATION

- Function Generator Amplifier
函數波形成生器波幅放大
- High Voltage Power Supply (≤27mA/ ±400V DC)
高壓電源供應器 (≤27mA/ ±400V DC)
- Semiconductor High Voltage Driver
半導體高壓驅動
- TFT Field High Voltage Driver
TFT 產業高壓驅動
- High Voltage Engineering / 各種高壓工程
- MEMS Engineering / 微機電工程
- Nano Technology / 奈米科技
- PZT Driver / 壓電材料驅動
- Static Charge Engineering / 靜電科技工程
- Biomedical Engineering / 生醫檢測工程

High Precision LCR Meter

**100KHz
With USB
Interface**



LCR-900

(100 Hz to 100KHz [5 Range])

- Dual LCD Display.
- Capacitance, Resistance, Impedance, Inductance, Quality Factor, Dissipation Factor Phase Angle.
- Auto Detect Function.
- Open Circuit/Short Circuit Compassion.
- Operation Frequency 100Hz to 100KHz.
- Basic Accuracy: 0.3%
- Measurement Voltage Fixed at 0.6Vrms.

NEW!

ACCESSORIES

RP-91 TEST LEAD

- Using On Bench Type LCR Meter.
- Compatible On All Brands Bench Type LCR Meter.
- 4-Wire Leads Compensate Internal Impedance Error.



4 Wires Alligator Clip

DC Power Supply

4 digits

4 display!

Precision!



PW-5033

PRECISION 200VA DC POWER SUPPLY

- High Resolution display:
4 digits voltage display(resolution 10mV)
4 digits current display (resolution 1mA)
- High quality 10 turns variable resistor for easy and stable setup of voltage and current reading.
- Built in output enable switch.
- Built in current limit setup switch.
- Triple output:

Programmable Output: 0~30V/0~3A x 2

Fixed Output: 5V/0~3A

PW-5032

PRECISION 100VA DC POWER SUPPLY

- High Resolution display:
4 digits voltage display(resolution 10mV)
4 digits current display (resolution 1mA)
- Built in output enable switch.
- Built in current limit setup switch.
- Dual output:

Programmable Output: 0~30V/0~3A

Fixed Output: 5V/0~3A



ACCESSORIES

BP-253N

for model 5033/5003/4033 (2 sets)
for model 5032/5002/4032(1 set)



BP-253N

- Banana Plug to Alligator Clip
- UL 3239, 18AWG,
- 6KV,10A, 150°C,
- Silicone Wire, 100 cm

DC Power Supply

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Convenience!

PW-5003

TRIPLE OUTPUT 200VA DC POWER SUPPLY

- Built in output enable switch.
- Built in current limit setup switch.
- Triple output:
Programmable Output: 0~30V/0~3A x 2
- Fixed Output: 5v/0~3A
Tracking Operation
4 display(3 digits 0.56")



PW-5002

DUAL OUTPUT 100VA DC POWER SUPPLY

- Built in output enable switch.
- Built in current limit setup switch.
- Dual output:
Programmable Output: 0~30V/0~3A
Fixed Output: 5V/0~3A

Output Switch Series



PW-5002



PW-5003



PW-5032



PW-5033

DC Power Supply

4 digits
4 display!



PW-4033

200W WITH HIGH RESOLUTION DISPLAY

- 4 digits LED, 4 display.
- 10 mV, 1mA Resolution.
- 30V/3Ax2+5V/3A Triple output.
- Tracking operation.
- 10 Turn VRx4, Easy operation.

High
Resolution!



PW-4032

100W WITH HIGH RESOLUTION DISPLAY

- 4 digits LED, 2 display.
- 10 mV, 1mA Resolution.
- 30V/3A+5V/3A Dual output.
- 10 Turn VRx2, Easy operation.

Toroidal
Transformer!



PW-3033R

200W WITH TOROIDAL TRANSFORMER

- 30V/3A+30V/3A+5V/3A Triple output.
- Tracking operation.
- <0.3mVrms Ripple & Noise(C.V.)
- <2mArms Ripple & Noise(C.C.)
- Low EMI & High EMS.
- 4 Display.

DC Power Supply

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**4 Display
Triple Out!**

PW-3033

200W DC POWER SUPPLY

- 30V/3A+30V/3A+5V/3A Triple output.
- Tracking operation.
- <0.5mVrms Ripple & Noise(C.V.)
- <3mArms Ripple & Noise(C.C.)
- 4 Display.



**Toroidal
Transformer!**



PW-3032R

100W DC P.S. WITH TOROIDAL TRANSFORMER

- 30V/3A+5V/3A Dual output.
- <0.3mVrms Ripple & Noise(C.V.)
- <2mArms Ripple & Noise(C.C.)
- Low EMI & High EMS.
- Dual display.

PW-3032

100W DC POWER SUPPLY

- 30V/3A+5V/3A Dual output.
- <0.5mVrms Ripple & Noise(C.V.)
- <3mArms Ripple & Noise(C.C.)
- Dual display.

★ Economic Model!



DC Power Supply

★ Toroidal Transformer !

400 VA/ 4 digits



PW-4063R

PRECISION HIGH POWER 400VA DC POWER SUPPLY

- 400VA, Toroidal Transformer.
- Triple Output:
0~32V/0~6Ax2; 5V Fix/3A
- Tracking Operation:
SER. 0~64V/0~6A
PAR. 0~32V/0~12A
- 4 Display, 4 Digits.
- Resolution: 0.01V/0.001A
- 10 Turn VR x 4, nice selection!

PW-3063R

HIGH POWER 400VA DC POWER SUPPLY

- 400VA, Toroidal Transformer.
- Triple Output:
0~32V/0~6Ax2; 5V Fix/3A
- Tracking Operation:
SER. 0~64V/0~6A
PAR. 0~32V/0~12A
- 4 Display, 3 Digits.
- Resolution: 0.1V/0.01A



400 VA

Programable DC Power Supply

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200 WATT
4 digits



PW-8033P

DC 0~32V / 0~3Ax2; Fix 5V/3A

- DC 0~32V / 0~3A X 2 + Fix 5V/3A
- Triple Output 200 VA High Power
- 4 Digits, 4 Display
- Programable Control, 9 Memory
- Built In USB Interface
- Series 0~64V / 0~3A Operation

NEW!

ACCESSORIES

BP-253N BANANA PLUG TO ALLIGATOR CLIP

- Silicone Wire 100cm
- UI3239, 18AWG
- 6 KV DC, 10A, 150°C



BP-253N

ATX Linear DC Power Supply

NEW!

CW-401

- Equivalence half of 400Watt ATX switching power supply.
- Suitability ATX V2.2 output specification.
- Provide CPU, part of mother board, four
- SATA port linear power at the same time.
- Set with CW-402 and become full linear ATX 400Watt DC power supply.



CW-402

- Equivalence half of 400Watt ATX switching power supply.
- Suitability ATX V2.2 output specification.
- Provide part of mother board linear power.
- Set with CW-401 and become full linear ATX 400Watt DC power supply.



Programmable Electronic Load

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EL-820P

DC 1~63V / 0~15A / 0~200W

With USB!

- Digital button control and easy operation
- High resolution (20mV, 10mA, 0.1W, 0.1Ω)
- Overload prevention function
- 9 sets programmable memory
- 4 sets real time display
- Voltage range: 1V~63V
- Current range: 10mA~15A
- Maximum power: 200W
- Operation mode: CV, CC, CP and CR
- Built in USB interface

ACCESSORIES

BP-253N BANANA PLUG TO ALLIGATOR CLIP

- Silicone Wire 100cm
- UI3239, 18AWG
- 6 KV DC, 10A, 150°C



BP-253N



Convenience!

FG-32

3MHZ F.G. WITH AUTO COUNTER

- 6 Function, 6 Range.
- Linear/Log Sweep.
- Auto Range Counter.
- 0.001Hz Resolution.
- Auto Gatetime Counter.
- Counter Trigger Detect.



FG-30

3MHz FUNCTION GENERATOR.

★ **Economic Model!**

- 6 Function, 6 Range.
- 0.5Hz~3MHz.
- Linear/Log Sweep.
- 20Vp-p Output.
- Sweep Control Signal Output.

Function Generator

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FG-53

BUILT-IN VOLTAGE AMPLIFIER

- 5MHz Multi-Function Generator
- Built-in Voltage Amplifier 5MHz/40mA
- Linear /log Sweep Function
- Auto Range Counter (0.001Hz Resolution)
- Smart Auto Gatetime

With 5MHz Voltage Amplifier!



NEW!

FG-52

4 FUNCTION, 8 RANGE WITH AUTO COUNTER

5MHz!

- 4 Function, 8 Range.
- Linear/Log Sweep.
- 0.001Hz Resolution.
- Auto Range Counter.
- Auto Gatetime Counter.
- Invert Function.



DDS Function Generator

FG-72

7MHz DDS FUNCTION GENERATOR

- 0.3 Hz~7MHz
- Hz/KHz/MHz Key , Easy Operation.
- LED: 0.56", 6 Digits.
- 2 Attenuator, -20dB x 2(-40dB)
- Built-In USB Interface.
- Duty Cycle ADJ To 3MHz
- PC Control:
- Frequency, Waveform, -20dB Attenuator.
- Waveform: Sine, Square, Triangle to 7MHz



FG-102

10MHz DDS FUNCTION GENERATOR

- 0.3Hz~10MHz
- Hz/KHz/MHz Key , Easy Operation.
- LED: 0.56", 6 Digits.
- 2 Attenuator, -20dB x 2(-40dB)
- Built-In USB Interface.
- Duty Cycle ADJ To 3MHz
- PC Control: Frequency, Waveform, -20dB Attenuator.
- Waveform: Sine, Square, Triangle to 10MHz

NEW!**10MHz!**

FG-109

10MHz AM/FM FUNCTION GENERATOR

- High resolution 10MHz DDS function generator.
- Various output waveforms: Sine, Square, Triangle, Pulse, Anti-Pulse.
- Independent DC offset from $\pm 10V$ (no load).
- 20 settings store/recall.
- Counter up to 60MHz high frequency.
- AM with internal and external carry.
- Sweep mode with Linear and Log slope.
- FM wide modulation range up to 10 times.
- The signal Attenuate can be -20dB or -40 dB.
- USB terminal for computer operation.

DC High Voltage Meter (Bench Type)

HVC-804

10GΩ / 40KV DC BENCH TYPE METER / 3 RANGES

- 3 Range Voltage Selector: 40KV, 20KV, 2KV
- High Resolution: 0.0001KV (2KV Range)
- High Input Impedance: 10GΩ
- 4 ½ Red LED Display.
- Build In HVP-40 Input Function

**0.1V
Resolution**



**10GΩ
High Impedance!**

BP-83 (Accessories)



High Frequency
High Voltage Probe

PL-10



MT-246N



Model 8050

- 4 ½ Digits, 17mm Large LCD
- Auto Power Off, Data Hold
- Feed 10MΩ Impedance
- DCV $\pm 0.05\%$ (Typ.)
- ACV (True RMS)
 $\pm 1\%$ to 500Hz (Typ.)
 $\pm 2\%$ to 2KHz (Typ.)



Feed 10MΩ
Impedance

AC High Voltage Probe

(To Oscilloscope)

27

39KV
220MHz
900M Ω

HVP-39pro

- 39KVDC+ACpeak
- 900M Ω Impedance
- DC~220MHz(-3dB)
- 1000:1 for Oscilloscope
- Very Low Noise

★ **Performance Model!**

HVP-28HF

- 28KVDC+ACpeak
- 500M Ω Impedance
- DC~200MHz
- 1000:1

28KV
500M Ω

18KV
200M Ω

HVP-18HF

- 18KVDC+ACpeak
- 200M Ω Impedance
- DC~150MHz
- 1000:1

AC High Voltage Probe (To Oscilloscope)

Read Out

100:1
10KV

HVP-10R

- 10KVDC+ACpeak
- 100M Ω Impedance
- DC~120MHz
- 100:1, Read Out
- High Sensitivity

Mini
Type

HVP-08

- Mini Type
- 8KV/40MHz
- 1:1000
- 100M Ω //3PF
- Accuracy:
DC: $\leq 2\%$ to 5KV, $\leq 3\%$ to 8KV
AC: $\leq 3\%$ at 1KV/1KHz, -3dB to 40MHz

AC High Voltage Probe

(To Oscilloscope)

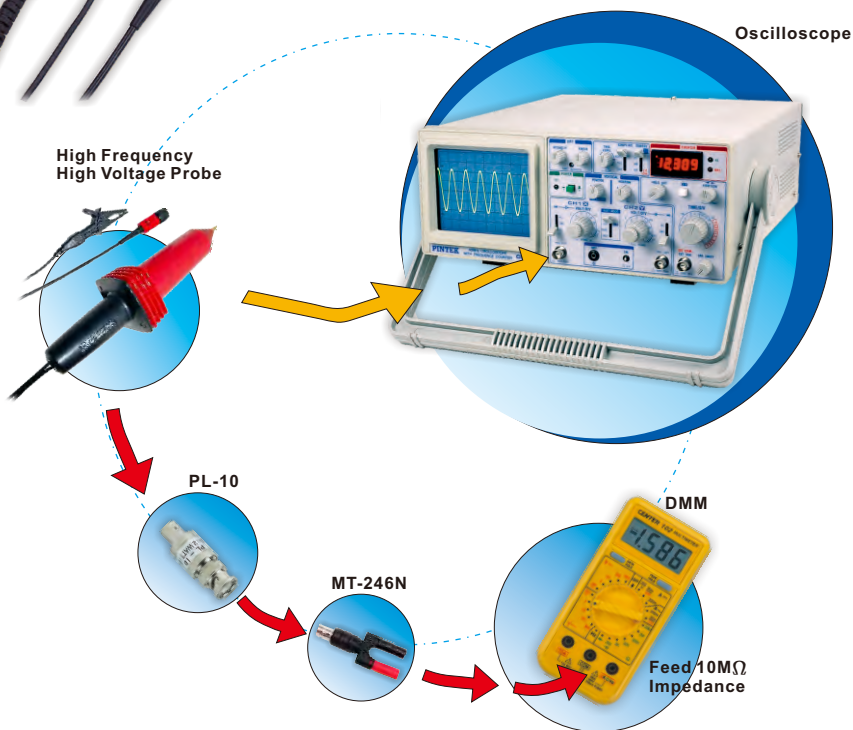
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★ **Economic Model!**

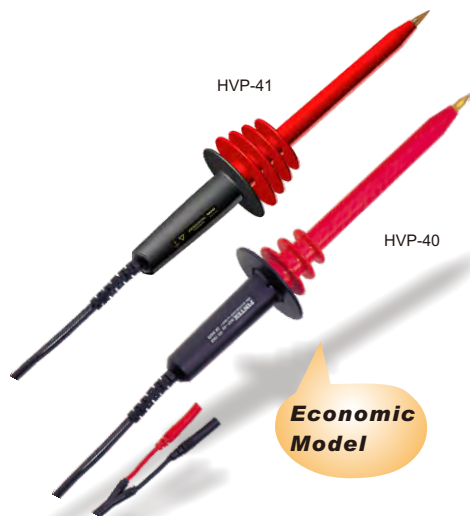
HVP-15HF

1000:1, 50MHz, LOW NOISE HV PROBE

- 100M Ω Impedance.
- Bandwidth: DC~50MHz.
- Division Ratio: x1000.
- Signal/Noise: >60dB(1KHz).
- Connect with PL-10, can be used for DMM.



DC High Voltage Probe (To DMM)

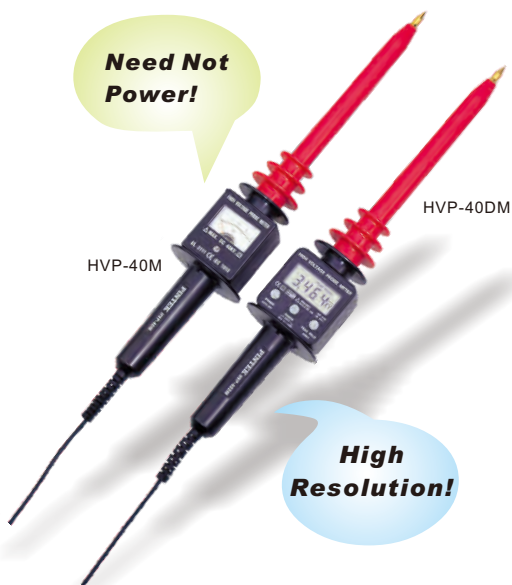


HVP-41

HVP-40

**Economic
Model**

**Need Not
Power!**



HVP-40M

HVP-40DM

**High
Resolution!**

HVP-41 / HVP-40

40KV DC, 1000M Ω

- MAX. Voltage :
DC : 40KV
AC : 28KV, (50/60Hz only) CAT II.
- 1000M Ω Input Impedance.
- Accuracy
DC: $\pm 1\%$ to 20KV. $\pm 2\%$ to 40KV.
AC: -5% to -10% (50/60Hz)
- Division Ratio : 1000:1
- CE, GS, UL, CUL, IEC1010

HVP-40M

40KVDC, 600M Ω , Analog Meter

- DC 40KV CAT II Pollution 2.
- 600M Ω Impedance; 25KV $\pm 2\%$, 40KV $\pm 3\%$.
- T.C. 200 ppm/ $^{\circ}$ C; Positive Polarity only.
- Resolution 1KV; Need not power.
- CE, GS, UL, CUL, IEC1010

HVP-40DM

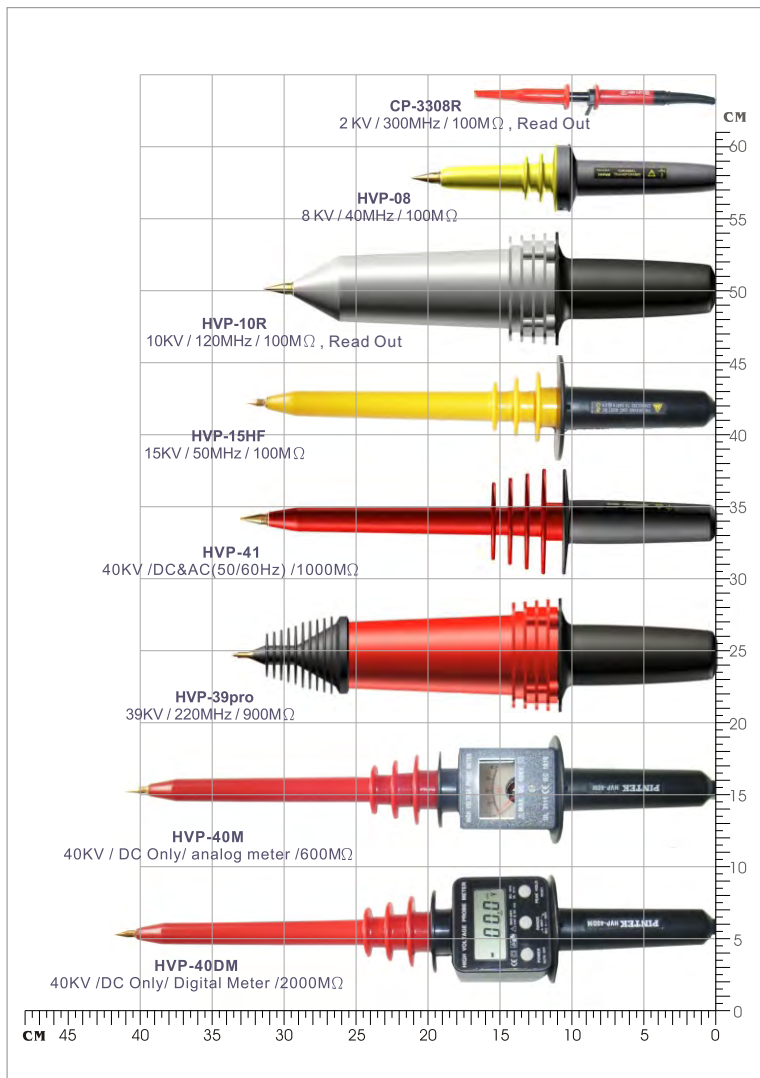
40KVDC, 2000M Ω , 3999LCD Display

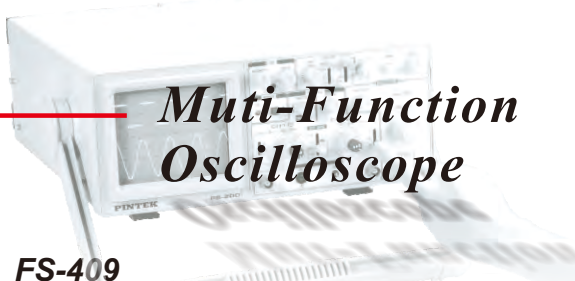
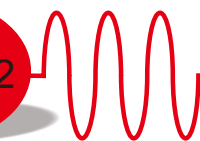
- DC 40KV CAT II Pollution 2.
- 2000M Ω Impedance; 3999 LCD display.
- Accuracy 1% full range.
- T.C. 100 ppm/ $^{\circ}$ C; 400V/4KV/40KV, 3 range.
- Resolution 0.1V/1V/10V.
- PEAK HOLD, Auto power off.
- CE, GS, UL, CUL, IEC1010

DC High Voltage Probe (To DMM)

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High Voltage Probe Dimension Comparison Fig.





Muti-Function Oscilloscope

FS-409

BUILT IN 5MHz FG & AUTO COUNTER



**3 In 1
Model!**

- **SCOPE:**
 - * 40MHz Dual Trace, Dual Trigger.
 - * 1mV Sensitivity; 10ns Resolution.
- **Function Generator:**
 - * 0.5Hz~5MHz Frequency(6 Ranges).
 - * Sine, Square, Triangle, 3 Waveforms.
 - * Max Output: 20Vp-p(No Load).
 - * TTL Synchronous Output.
- **COUNTER:**
 - * 5 Digits 0.36" Red LED Display.
 - * 0.1Hz~50MHz Auto Range; 0.001Hz Resolution.
 - * Auto Gatetime; Auto Detect; Auto Reset.
 - * 1mV Sensitivity.

**With
Counter!**

CS-406

40MHz Scope + AUTO COUNTER



- **SCOPE:**
 - * 1mV Sensitivity.
 - * 10ns Resolution.
 - * Time Base 23 Range.
- **COUNTER:**
 - * 1mV Sensitivity.
 - * 0.001Hz Resolution.
 - * Auto Range; Auto Gatetime.
 - * Auto Detect; Auto Reset.

**With
5MHz F.G.!**

FS-404

BUILD IN 5MHz FUNCTION GENERATOR

- **SCOPE:**
 - * 40MHz Dual Trace, Dual Trigger.
 - * 1mV Sensitivity, 10ns Resolution.
 - * Time Base 23 Range.
- **Function Generator:**
 - * 0.5Hz~5MHz Frequency(6 Ranges).
 - * Sine, Square, Triangle, 3 Waveforms.
 - * Max Output: 20Vp-p(No Load).
 - * TTL Synchronous Output.





**2nS
Resolution!**

PS-1005

100MHz WITH DELAY SWEEP

- 100MHz Dual trace, ALT Trigger.
- 1mV Sensitivity, 2nS Resolution.
- 20MHz Limit.
- Hold-off, X-Y, Z-Mod, Y-output.
- With Delay Sweep.
- Two Sweep MIX Function.

PS-1000

100MHz ANALOG OSCILLOSCOPE

- 100MHz Dual trace, ALT Trigger.
- 1mV Sensitivity, 2nS Resolution.
- 20MHz Limit.
- Hold-off, X-Y, Z-Mod, Y-output.



**100MHz
ECONOMIC
MODEL!**

ACCESSORIES

CP-2100 for model PS-1000/PS-1005 (2 sets)

- 100MHz Bandwidth.
- x1, x10
- 1.4M Cable Length
- < 1% DC Accuracy



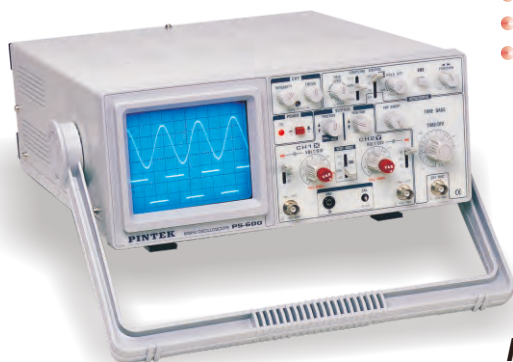
CP-2100



PS-605

60MHz WITH DELAY SWEEP

- Vert. Sensitivity From 1mV/DIV to 15V/DIV.
- Sweep Rate From 10nS/DIV to 1S/DIV.
- Built-in Component Tester.
- X-Y Operation, Z-Mod. Input, Y-Output.
- Beam-Finder, Hold-Off, Illuminate.
- With Delay Sweep.
- Two Sweep Mix Function.
- 23 Range Delay Sweep.



PS-600

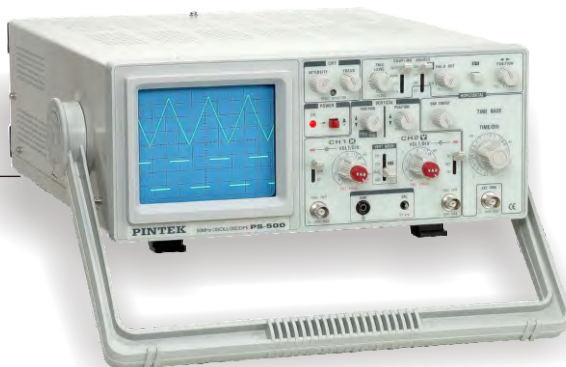
60MHz ANALOG OSCILLOSCOPE

- 60MHz Dual Trace, Dual Trigger.
- Vert. Sensitivity From 1mV/DIV to 15V/DIV.
- Sweep Rate From 10nS/DIV to 2S/DIV.
- Hold-Off, X-Y Operation.
- 23 Range Time Base.

PS-505

50MHz WITH DELAY SWEEP

- 50MHz Bandwidth
- Z-Input, Y-Output
- 1mV/DIV Sensitivity
- 10ns/DIV Resolution
- Hold-off, X-Y Operation
- Component Tester
- With Delay Sweep
- Beam-Finder, Illuminate
- Two Sweep Mix Function
- Dual Trace: ALT Trigger



★ **Economic Model!**

PS-500

50MHz OSCILLOSCOPE

- Sweep Time 23 Steps
- 50MHz Vert. Bandwidth
- Dual Trace, ALT Trigger
- Hold-off, X-Y Operation
- High Vert. Sensitivity: 1mV/DIV
- High Sweep Resolution: 10ns/DIV



★ **Economic Model!**

**PS-355****40MHz WITH DELAY SWEEP**

- 40MHz dual trace, ALT trigger.
- 1mV Sensitivity, 10nS resolution.
- Comp.-Test, Beam-finder, illuminate.
- Hold-off, X-Y, Z-Mod, Y-output.
- With Delay sweep.
- Two sweep MIX function.
- 23 Range Delay Sweep.

**PS-350****40MHz ANALOG OSCILLOSCOPE**

- 40MHz Dual Trace, ALT Trigger.
- 1mV Sensitivity; 10nS Resolution.
- Hold-Off, X-Y Operation.
- 23 Range Time Base.



**40MHz
ECONOMIC
MODEL!**

PS-251**25MHz WITH COMPONENT TESTER**

- 25MHz, ALT Trigger.
- 1mV Sensitivity; 10nS Resolution.
- With Component Test, Beam-Finder.
- Illuminate, Hold-Off, X-Y.



**With Component
Tester!**

Delay Type!

PS-205

20MHz With Delay Sweep

- 20MHz dual trace, ALT trigger.
- Vert. Sensitivity 1mV; Hor. Resolution 10nS.
- Comp.-Test, Beam-finder, illuminate.
- Hold-off, X-Y, Z-Mod, Y-output.
- With DELAY sweep.
- Two sweep MIX function.
- 23 Range Delay Sweep.



PS-200

20MHz ANALOG OSCILLOSCOPE

- 20MHz dual trace, ALT trigger.
- Vert. Sensitivity 1mV/div.
- Hor. Resolution 10nS.
- Hold-off, X-Y operation.
- 23 Range Time Base.



**20MHz
ECONOMIC
MODEL!**

ACCESSORIES

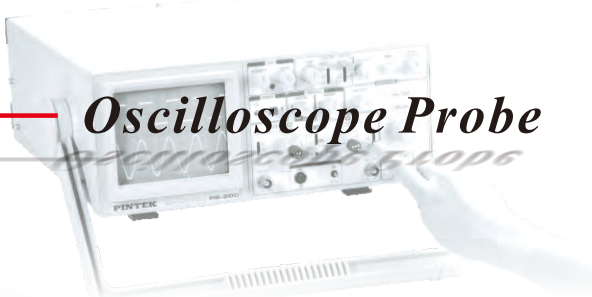
CP-260N for all 20MHz~60MHz oscilloscopes (2 sets)

- 60MHz Bandwidth
- X1, x10
- 1.4M Cable Length
- < 1% DC Accuracy



CP-260

Oscilloscope Probe



Economic
1 mV 35MHz Sensitivity

CP-230

- 35MHz Bandwidth.
- 1: 1 Fix
- 300V CAT I



CP-260N

- 60MHz Bandwidth.
- x1, x10
- 600V CAT I



Economic
Model!



CP-360N

- 60MHz Bandwidth.
- x1, x10
- Plastics Insulator.



Oscilloscope Probe

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CP-2100

- 100MHz Bandwidth.
- x1, x10
- 600V CAT I

CP-2250

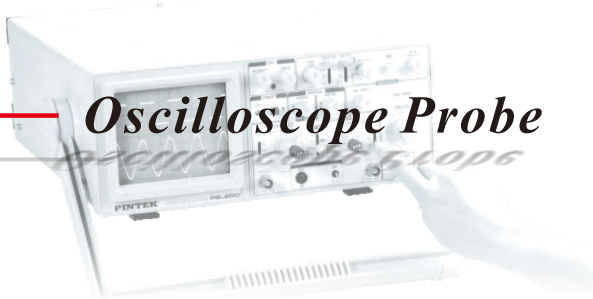
- 250MHz Bandwidth.
- x1, x10
- 600V CAT I



CP-2350

- 350MHz Bandwidth.
- x1, x10

Oscilloscope Probe



CP-3308R

- 300MHz Bandwidth.
- Readout Function
- X100 Fix
- 2000V CAT I

**100:1
2KV
300 MHz**

CP-3101R

- 100MHz Bandwidth.
- Readout Function.
- x10 Fix



CP-3351R

- 350MHz Bandwidth.
- Readout Function.
- x10 Fix

Oscilloscope Probe

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500 MHz



CP-3501R/pro

500MHz, Precision Oscilloscope Probe

- Bandwidth: DC-500MHz
- Fix x 10; Readout Function
- EN61010-031, 600V CAT I
- High Speed Rise Time: 0.7ns
- Impedance: 10M Ω
- Position Type: DC Accuracy less than 0.5%

NEW!
600 MHz



CP-3601R

600MHz, Precision Oscilloscope Probe

- Bandwidth: DC-600MHz
- Fix x 10; Readout Function
- EN61010-031, 600V CAT I
- High Speed Rise Time: 0.58ns
- Impedance: 10M Ω
- Position Type: DC Accuracy less than 0.5%

**RP-91**

4 Wires Alligator Clip

- Using On Bench Type LCR Meter.
- Compatible On All Brands Bench Type LCR Meter.
- 4-Wire Leads Compensate Internal Impedance Error.

NEW!**RP-92**

- High shield rate, low noise design, It remains steady and measurable even the capacitor which is lower than 1pF.
- It supports multiple accessories to suit for different components.
- The probe tip can be replaced to extend the life of the product.
- It is high efficiency and cost effective.
- Cable Length: Approx. 0.8Meter (from connector to probe tip).
- Terminal connection: BNC, 4 terminal-pair.



BP-250

BNC Plug to BNC Plug
(50 Ω RG58C UL, 100 cm, 1G Hz, 3A)



BP-251

BNC Plug to
Alligator Plug
(RG58C UL, 115 cm,
1G Hz, 3A)



BP-253N

Banana Plug to
Alligator Clip
(UL 3239, 18AWG,
6KV DC, 10A, 150°C,
Silicone Wire, 100 cm)



BP-356N

Banana Plug to
Banana Plug
(UL 3239, 18AWG,
6KV DC, 10A, 150°C,
Silicone Wire, 60 cm)



BP-366

HV Banana Plug to
Banana Plug
(UL 3239, 16AWG,
20KV DC, 10A, 150°C,
Silicone Wire, 60 cm)

**BP-256N**

IC Clip
(UL 1000V CAT III, 5A)

**BP-266**

HV IC Clip
(MAX. 7KV RMS, 5A)

**BP-276N**

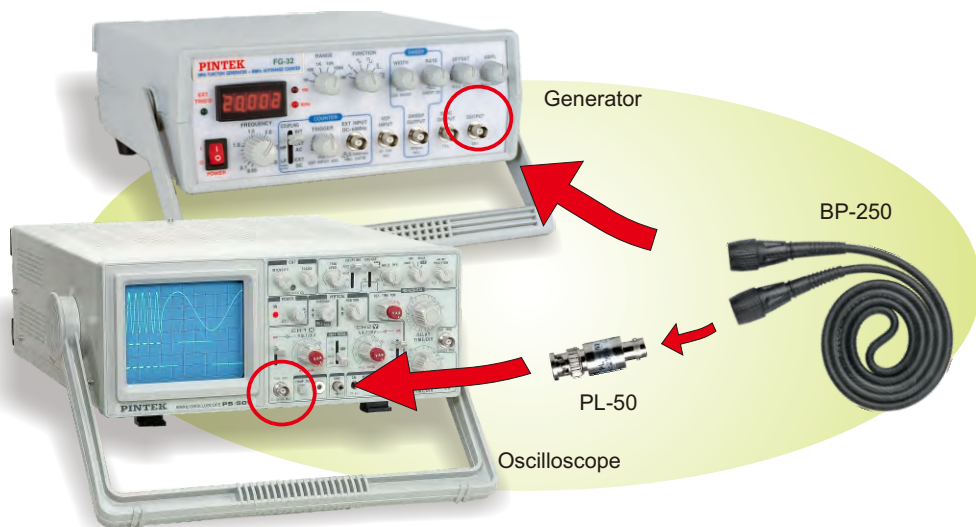
Alligator Clip
(UL 1000V CAT III, 10A)

**BP-286N**

Test Leader
(UL 94V-2,
1000V CAT III, 10A,
φ 11.5x120mm)

**MT-246N**

- BNC connects to the specialized adapter of the banana plug.
- PL-10 exclusive accessory.
- Red and Black plastic isolation cover are convenient to recognize positive and negative electrodes.
- The end of banana plug uses beryllium copper to prevent bad connection.
- Accord with CE norm. It is safe and reliable.
- The maximum working voltage 300V CAT2. 3A.1GHz.
- Length: 70mm. Width: 28mm. Weight: 19g.



PL-10

DMM IMPEDANCE CONVERTER

- Impedance 1.12M Ω ; ACCURACY $\pm 0.5\%$.
- Frequency B.W. DC~50MHz.
- Working Power MAX. 1Watt.
- Input Voltage MAX.250VDC or 200V rms AC.
- Dimension 46mm(L)x $\phi 16$ mm(D)



PL-50

FEED-THROUGH TERMINATION

- Impedance: 50 Ω
- Z-Tol: $\pm 0.5\Omega$
- Frequency B.W.: DC~1GHz
- Working Power: 2watt (Max.)
- Dimension/weight: 46mmx $\phi 6$ mm/25g

PRODUCTS CATALOG

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SALES AGENT