



# ACCESSORIES

- TEST LEADS
- TEST CABLE
- ADAPTOR
- PROBE
- SAFETY SOCKET
- AND MORE...

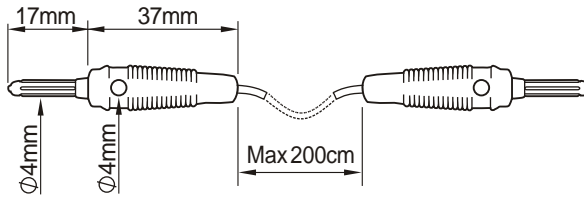


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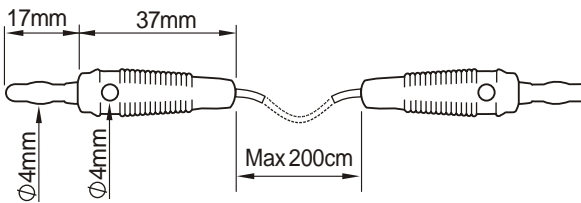
# TEST LEADS

TEST LEADS (red, yellow, blue, green, black)  $\Phi$  4mm



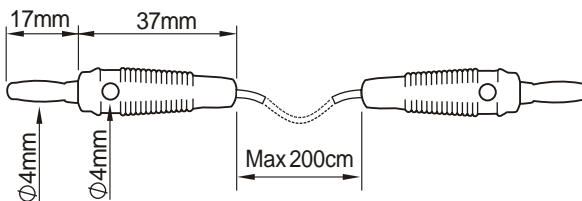
**PTL904-3 Specification:**  
 .Male-Male standard lead  
 .1mm<sup>2</sup>  
 .25/50/100/150/200cm  
 .20A  
 .30VAC,60VDC

PTL904-3



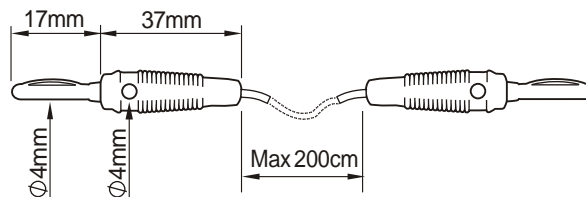
**PTL904-4 Specification:**  
 .Male-Male standard lead  
 .1mm<sup>2</sup>  
 .25/50/100/150/200cm  
 .20A  
 .30VAC,60VDC

PTL904-4



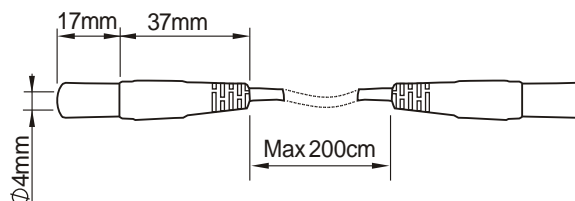
**PTL904-5 Specification:**  
 .Male-Male standard lead  
 .1mm<sup>2</sup>  
 .25/50/100/150/200cm  
 .20A  
 .30VAC,60VDC

PTL904-5



**PTL904-6 Specification:**  
 .Male-Male standard lead  
 .1mm<sup>2</sup>  
 .25/50/100/150/200cm  
 .20A  
 .30VAC,60VDC

PTL904-6



**PTL904-7 Specification:**  
 .Male-Male safetylead  
 .1mm<sup>2</sup>  
 .25/50/100/150/200cm  
 .20A  
 .30VAC,60VDC

PTL904-7

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

ACCESSORY

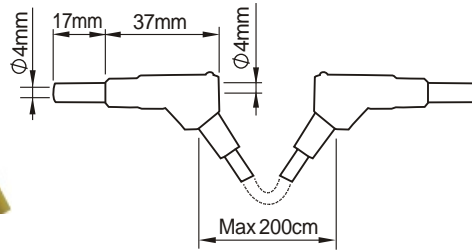
# TEST LEADS

TEST LEADS (red, yellow, blue, green, black)

Φ 4mm



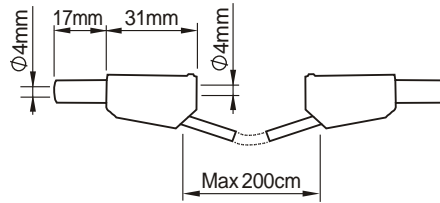
**PTL908-1**




**PTL908-1 Specification:**  
 .Male-Male standard lead  
 .1mm<sup>2</sup>  
 .25/50/100/150/200cm  
 .20A  
 .1000V



**PTL908-2**



**PTL908-2 Specification:**  
 .Double insulated lead  
 .1mm<sup>2</sup>  
 .25/50/100/150/200cm  
 .20A, 1000V  
 .CATIII 

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

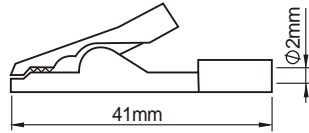
METER

ACCESSORY

# TEST CLIP

TEST CLIP (red, yellow, blue, green, black, green & yellow)

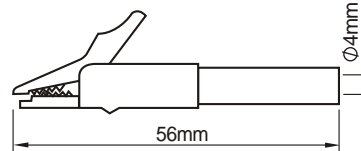
**NEW**



**PTL909-1**

**PTL909-1 Specification:**

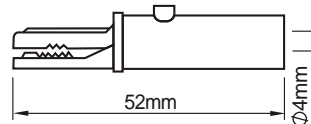
- . Insulator: PA
- . 30VAC, 60VDC
- . Max. current: 10A



**PTL909-2**

**PTL909-2 Specification:**

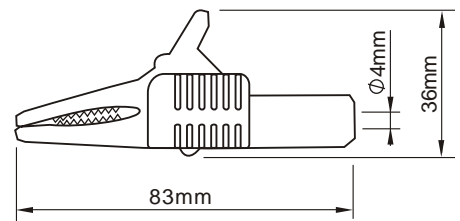
- . Insulator: PA
- . CATII 300V
- . Max. current: 15A



**PTL909-3**

**PTL909-3 Specification:**

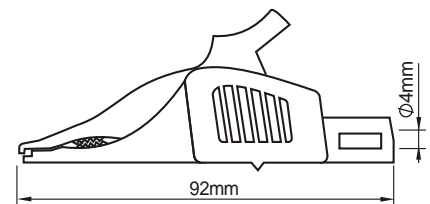
- . Insulator: ABS
- . 30VAC, 60VDC
- . Max. current: 10A



**PTL909-5**

**PTL909-5 Specification:**

- . Insulator: PA
- . CATIII 1000V
- . Max. current: 32A



**PTL909-6**

**PTL909-6 Specification:**

- . Insulator: PA
- . CATIII 1000V
- . Max. current: 32A



POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

ACCESSORY

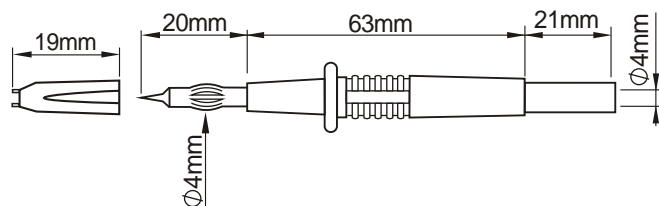
# TEST PROBE

## TEST PROBE (red, black)

NEW



PTL907-2

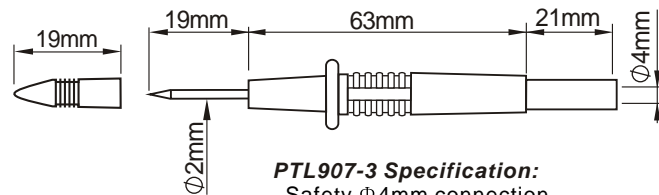


**PTL907-2 Specification:**

- . Safety  $\Phi 4\text{mm}$  connection
- . Spring loaded tip with the protective cap
- . Insulator: PA
- . CATIII 1000V
- . Max. current: 32A



PTL907-3

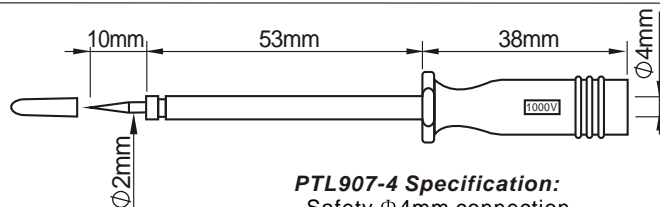


**PTL907-3 Specification:**

- . Safety  $\Phi 4\text{mm}$  connection
- . Sharp stainless steel tip with the perfectly protective cap
- . Insulator: PA
- . CATII 1000V
- . Max. current: 10A



PTL907-4

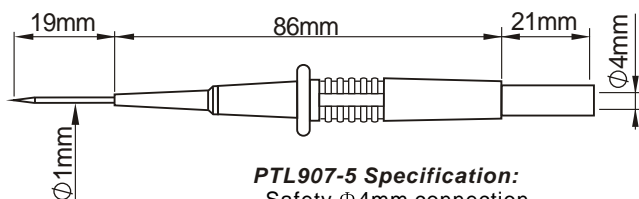


**PTL907-4 Specification:**

- . Safety  $\Phi 4\text{mm}$  connection
- . Sharp stainless steel tip with the perfectly protective cap
- . Insulator: PA
- . CATIII 1000V
- . Max. current: 10A



PTL907-5

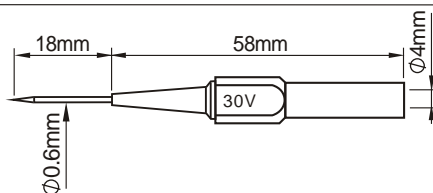


**PTL907-5 Specification:**

- . Safety  $\Phi 4\text{mm}$  connection
- . Sharp stainless steel needle
- . Insulator: PA
- . CATII 600V
- . Max. current: 1A



PTL907-6

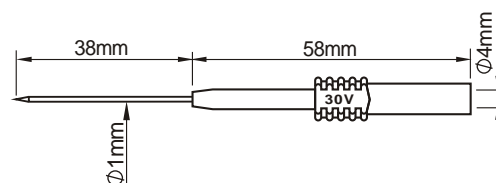


**PTL907-6 Specification:**

- . Safety  $\Phi 4\text{mm}$  connection
- . Sharp stainless steel needle
- . Insulator: PA
- . 30VAC, 60VDC
- . Max. current: 1A



PTL907-7



**PTL907-7 Specification:**

- . Safety  $\Phi 4\text{mm}$  connection
- . Long sharp stainless steel tip and flexible spring with the silicone tube can meet kinds of your request
- . Insulator: PA
- . 30VAC, 60VDC
- . Max. current: 1A

POWER SUPPLY

TEST INSTRUMENT

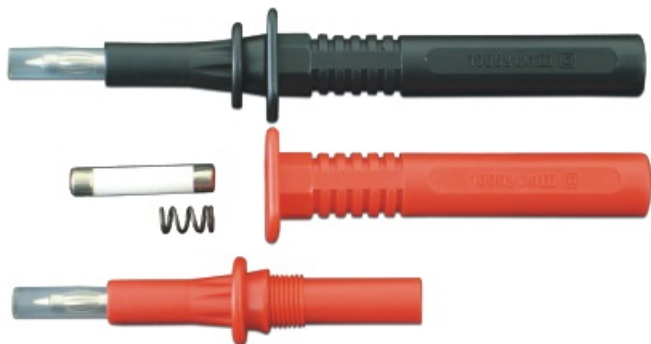
EDU. INSTRUMENT

METER

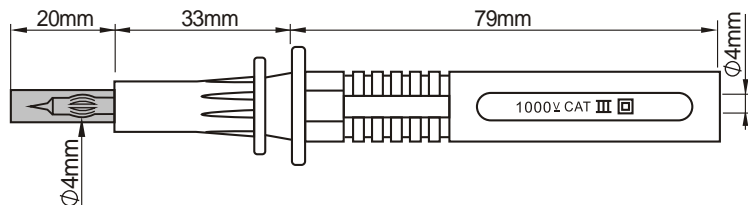
ACCESSORY

# TEST PROBE

TEST PROBE (red, yellow, blue, green, black) **NEW**



**PTL917-1**

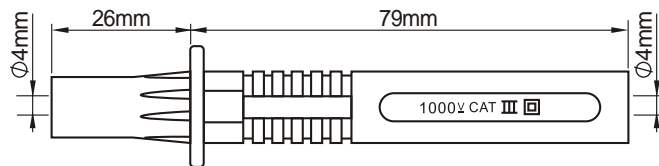


**PTL917-1 Specification:**

- . Safety  $\Phi$ 4mm connection
- . Spring loaded tip with the shrinkable tube
- . Fuse inside: 6X30
- . Insulator: PA
- . CATIII 1000V
- . Max. current: 20A



**PTL917-2**



**PTL917-2 Specification:**

- . Safety  $\Phi$ 4mm connection on the both end
- . Fuse inside: 6X30
- . Insulator: PA
- . CATIII 1000V
- . Max. current: 20A



## TEST CABLE



**PTL921**

**PTL921 Specification:**  
 .Male BNC-2 crocodile clips  
 .3A  
 .100cm  
 .30VAC,60VDC



**PTL922**

**PTL922 Specification:**  
 .Male insulated BNC-2 crocodile clips  
 .3A  
 .100cm  
 .30VAC,60VDC



**PTL923**

**PTL923 Specification:**  
 .Male BNC-Male BNC  
 .3A  
 .100cm  
 .30VAC,60VDC



**PTL924**

**PTL924 Specification:**  
 .Male insulated BNC-Male insulated BNC  
 .3A  
 .100cm  
 .30VAC,60VDC



**PTL925**

**PTL 925 Specification:**  
 .Male insulated BNC-2 crocodile clips  
 .3A  
 .100cm  
 .30VAC,60VDC



**PTL926**

**PTL926 Specification:**  
 .Male insulated BNC-2 clips  
 .3A  
 .100cm  
 .30VAC,60VDC



**PTL927**

**PTL927 Specification:**  
 .Male insulated BNC-2 safety stackable plugs  
 .3A  
 .100cm  
 .500V/CATI;150V/CATII



**PTL928**

**PTL928 Specification:**  
 .Male insulated BNC-2 safety plugs  
 .3A  
 .100cm  
 .500V/CATI ;150V/ CATII



**PTL929**

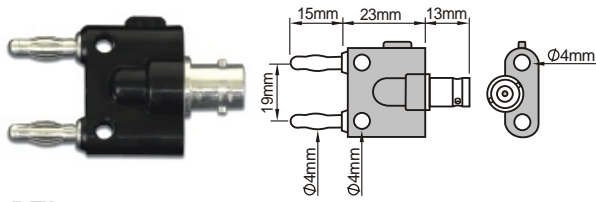
**PTL929 Specification:**  
 .Male insulated BNC-Male insulated BNC  
 .3A  
 .100cm  
 .500V/CATI;150V/ CATII





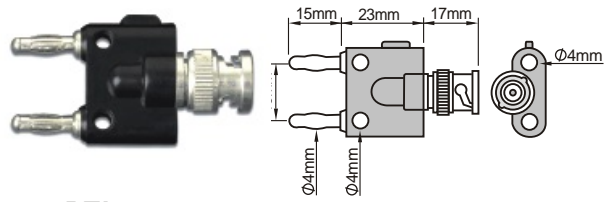
# ADAPTOR & VARIOUS

## ADAPTOR & VARIOUS



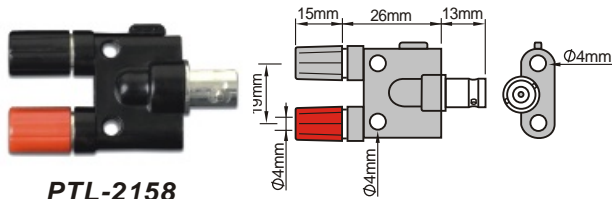
**PTL-2156**

**2 Φ4mm plugs-female BNC**  
Max.Voltage: 500Vrms



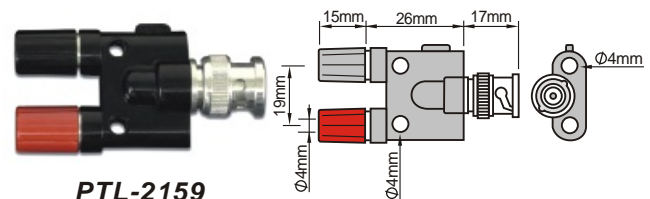
**PTL-2157**

**2 Φ4mm plugs-male BNC**  
Max.Voltage: 500Vrms



**PTL-2158**

**2 Φ4mm binding post-female BNC**  
Max.Voltage: 500Vrms



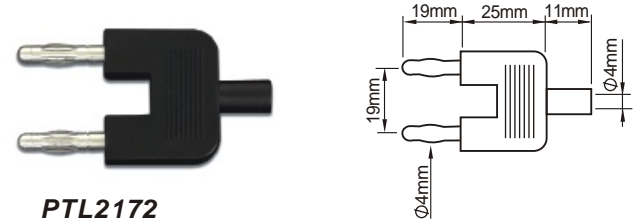
**PTL-2159**

**2 Φ4mm binding post-male BNC**  
Max.Voltage: 500Vrms



**PTL-2170**

**Φ4mm Short-circuit shunt**  
Max.Voltage: 500Vrms

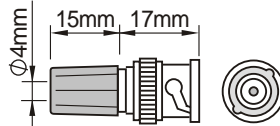


**PTL2172**

**Φ4mm Short-circuit shunt**  
Max.Voltage: 500Vrms



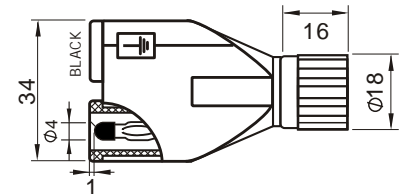
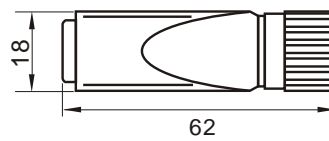
**PTL-2403**



**PTL2403 Specification:**  
· BNC male to binding post  
· 500Vrms



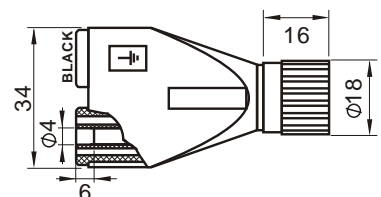
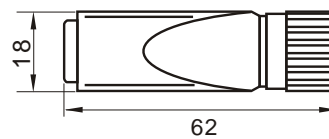
**PTL-2161**



**Insulated adapter** □  
**male BNC-2 safety Φ4mm plugs for female safety leads**  
500V CATI/150V CATIII



**PTL-2162**



**Insulated adapter** □  
**male BNC-2 safety Φ4mm sockets for male safety leads**  
500V CATI/150V CATIII

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

ACCESSORY

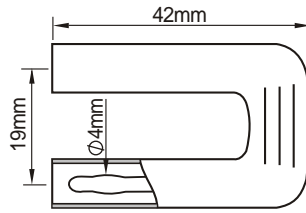
# ADAPTOR & VARIOUS

## ADAPTOR & VARIOUS

NEW



**PTL2175**



**PTL2175 Specification:**  
 .  $\Phi$ 4mm Safety short-circuit shunt  
 . CAT II 1000V/Max.32A

POWER SUPPLY

TEST INSTRUMENT

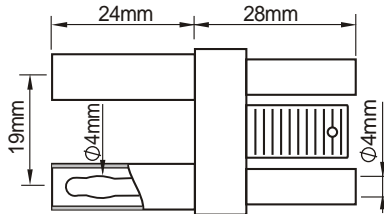
EDU. INSTRUMENT

METER

ACCESSORY



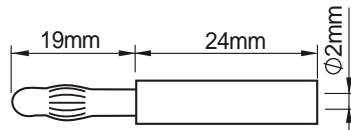
**PTL2176**



**PTL2176 Specification:**  
 .  $\Phi$ 4mm safety short-circuit shunt  
 . CAT II 1000V  
 . Max. current: 32A



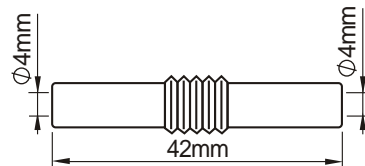
**PTL2154**



**PTL2154 Specification:**  
 .  $\Phi$ 4mm male plug to  $\Phi$ 2mm female connector  
 . Insulator: PA  
 . 30VAC, 60VDC  
 . Max. current: 10A



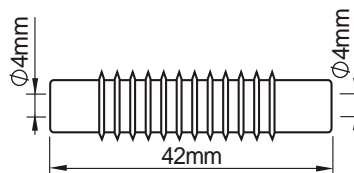
**PTL2270**



**PTL2270 Specification:**  
 .  $\Phi$ 4mm female to  $\Phi$ 2mm female connector  
 . Insulator: PA  
 . 30VAC, 60VDC  
 . Max. current: 19A



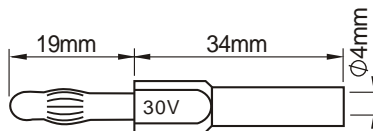
**PTL2271**



**PTL2271 Specification:**  
 .  $\Phi$ 4mm female to  $\Phi$ 4mm female connector  
 . Insulator: PA  
 . 30VAC, 60VDC  
 . Max. current: 24A



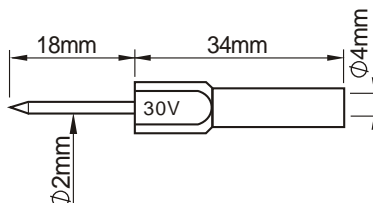
**PTL2402**



**PTL2402 Specification:**  
 .  $\Phi$ 4mm male plug to  $\Phi$ 4mm female connector  
 . Insulator: PA  
 . 30VAC, 60VDC  
 . Max. current: 10A



**PTL2404**



**PTL2404 Specification:**  
 .  $\Phi$ 2mm male needle to  $\Phi$ 4mm female connector  
 . Insulator: PA  
 . 30VAC, 60VDC  
 . Max. current: 10A

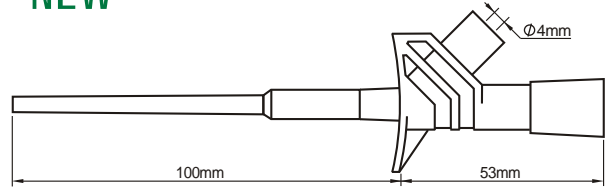
# ADAPTOR & VARIOUS

## ADAPTOR & VARIOUS (red, black)

NEW



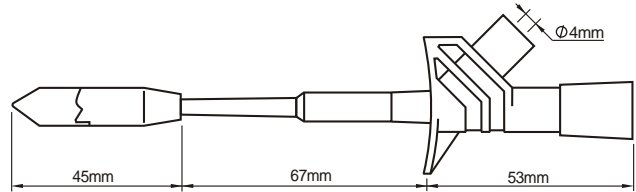
**PTL2371**



**PTL2371 Specification:**  
 Test connection: Spring-wire grabber  
 $\Phi$ 4mm Safety socket in handling part  
 CATIII 1000V/Max.10A



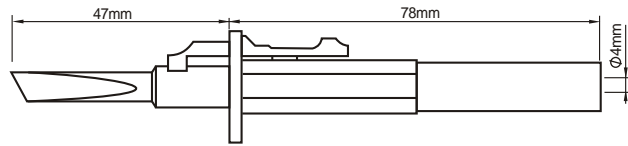
**PTL2372**



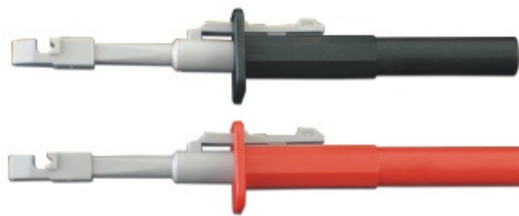
**PTL2372 Specification:**  
 Cable:  $\Phi$  1.5~3.2mm  
 $\Phi$ 4mm Safety socket in handling part  
 CATIII 1000V/Max.10A



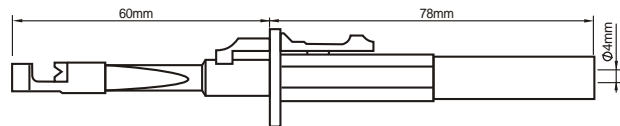
**PTL2374**



**PTL2374 Specification:**  
 . Safety  $\Phi$ 4mm connection  
 . The clip can connect the terminals easily  
 . Insulator: PA  
 . CATIII 1000V  
 . Max. current: 10A



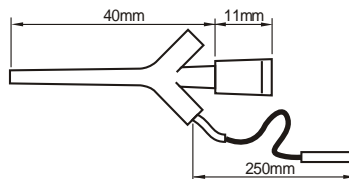
**PTL2375**



**PTL2375 Specification:**  
 . Safety  $\Phi$ 4mm connection  
 . Stainless steel tip can connect with the wire without cutting it  
 . Insulator: PA  
 . CATIII 1000V  
 . Max. current: 10A



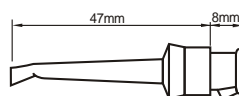
**PTL2370**



**PTL2370 Specification:**  
 Mini clip one end  
 30VAC/60VDA/Max.2A



**PTL2373**



**PTL2373 Specification:**  
 . Mini test clip with solder connection  
 . Insulator: PA  
 . 30VAC, 60VDC  
 . Max. current: 10A

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

ACCESSORY

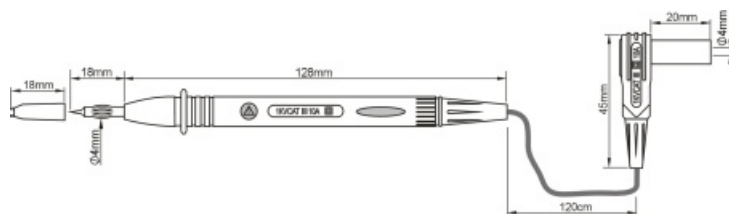
# PROBE FOR MULTIMETER

## PROBE FOR MULTIMETER (red,black)

NEW



**PTL801-1**

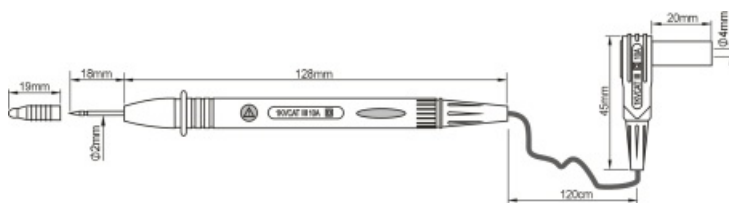


**PTL801-1 Specification:**

- .The lead one end with the  $\Phi 4$ mm test probe and the other with the insulated  $\Phi 4$ mm plug
- . Insulator: PVC
- . CATIII 1000V,  $\square$
- .  $0.75\text{mm}^2$ , 10A



**PTL801-2**



**PTL801-2 Specification:**

- .The lead one end with the  $\Phi 2$ mm test probe and the other with the insulated  $\Phi 4$ mm plug
- . Insulator: PVC
- . CATIII 1000V,  $\square$
- .  $0.75\text{mm}^2$ , 10A

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

ACCESSORY

# PROBE FOR OSCILLOSCOPE

## PTL-936 SERIES

### Feature

- .Bandwidth up to 100MHz
- .Meet IEC-1010, 600Vpp, CATIII



Model	PTL-936-60	PTL-936-100
Attenuator	×1/×10	×1/×10
System Bandwidth (3dB)MHz	×1: DC-6MHz ×10: DC-60MHz	×1: DC-6MHz ×10: DC-100MHz
System Rise-time (ns)	23.3/3.5	23.3/3.5
Compensation Range (pf)	15pF~45pF	20pF~45pF
Voltage Max.	×1: 300V (DC+ Peak AC) ×10: 600V (DC+ Peak AC)	×1: 300V (DC+ Peak AC) ×10: 600V (DC+ Peak AC)
Input Res. (Mohm)	1MΩ/10MΩ	1MΩ/10MΩ
Input Cap. (Pf)	×1: 85pF~120pF ×10: 18.5pF~22.5pF	×1: 85pF~120pF ×10: 18.5pF~22.5pF
Cable length	120cm	120cm

## PTL-938 SERIES



### Feature

- .Bandwidth up to 200MHz
- .with color cable marker rings
- .Meet IEC-1010, 600Vpp, CATIII



Model	PTL-938-20	PTL-938-40	PTL-938-60	PTL-938-100	PTL-938-200
Attenuator	×1/×10	×1/×10	×1/×10	×1/×10	×1/×10
System Bandwidth (3dB)MHz	×1: DC-6MHz ×10: DC-20MHz	×1: DC-6MHz ×10: DC-40MHz	×1: DC-6MHz ×10: DC-60MHz	×1: DC-6MHz ×10: DC-100MHz	×1: DC-6MHz ×10: DC-200MHz
System Rise-time (ns)	≤17.5ns	≤8.75ns	≤5.8ns	≤3.5ns	≤1.75ns
Compensation Range (pf)		15pF~45pF	10pF~35pF		
Voltage Max.		×1: <300V (DC + Peak AC) ×10: <600V (DC + Peak AC)			
Input Res. (Mohm)	1MΩ/10MΩ	1MΩ/10MΩ	1MΩ/10MΩ	1MΩ/10MΩ	1MΩ/10MΩ
Input Cap. (Pf)		×1: 85pF~120pF ×10: 18.5pF~22.5pF			
Cable length	120cm	120cm	120cm	120cm	120cm

# PROBE FOR OSCILLOSCOPE

## PTL-940 SERIES

### Feature

- .Max. Test voltage up to 2kV
- .Bandwidth up to 100MHz
- .Meet IEC-1010, 2000Vpp, CATI



Model	PTL-940-60	PTL-940-100
Attenuator	×100	×100
System Bandwidth (3dB)MHz	60MHz	100MHz
System Rise-time (ns)	≤5.8ns	≤3.5ns
Compensation Range (pf)	15pF~45pF	20pF~45pF
Voltage Max.	2000V (DC +Peak AC)	2000V (DC +Peak AC)
Input Res. (Mohm)	100MΩ	100MΩ
Input Cap. (Pf)	18.5pF~22.5pF	18.5pF~22.5pF
Cable length	120cm	120cm

## PTL-970 SERIES

NEW

### Feature

- .Max. Test voltage up to 5kV



Model	PTL971-30	PTL971-50	PTL975-30	PTL975-50
Attenuator	×10	×10	×100	×100
System Bandwidth (3dB)MHz	300MHz	500MHz	300MHz	500MHz
System Rise-time (ns)	≤1.15ns	≤0.7ns	≤1.15ns	≤0.7ns
Voltage Max.	1kV (DC +Peak AC)	1kV (DC +Peak AC)	5kV (DC +Peak AC)	5kV (DC +Peak AC)
Input Res. (Mohm)	10MΩ	10MΩ	100MΩ	100MΩ
Input Cap. (Pf)	16pF	16pF	6.5pF	6.5pF
Cable length	130cm	130cm	130cm	130cm

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

ACCESSORY



## PTL-960 SERIES

### Feature

**.Bandwidth up to 500MHz**  
 .With a metal-box which has high frequency compensation hole for HF adjust on any oscilloscope  
 .Meet IEC-1010, 600Vpp, CATIII



Model	PTL-960-25	PTL-960-30	PTL-960-50
Attenuator	×10	×10	×10
System Bandwidth (3dB)MHz	×1: DC-6MHz ×10: DC-250MHz	×1: DC-6MHz ×10: DC-300MHz	×1: DC-6MHz ×10: DC-500MHz
System Rise-time (ns)	≤1.4ns	≤1.15ns	≤0.7ns
Compensation Range (pf)	9pF~30pF	9pF~25pF	9pF~25pF
Voltage Max.	600V (DC + Peak AC)	600V (DC + Peak AC)	600V (DC + Peak AC)
Input Res. (Mohm)	10MΩ	10MΩ	10MΩ
Input Cap. (Pf)	12pF~15pF	10pF~13pF	10pF~13pF
Cable length	130cm	130cm	130cm

## PTL-955 SERIES

### Feature

**.Max. Test voltage upto 40kV**



Model	PTL955-I	PTL955-II	PTL955-III
Attenuator	×1000	×1000	×1000
System Bandwidth (3dB)MHz	20MHz	20MHz	20MHz
System Rise-time (ns)	≤17.5ns	≤17.5ns	≤17.5ns
Voltage Max.	10kV (DC + Peak AC)	20kV (DC + Peak AC)	40kV (DC + Peak AC)
Input Res. (Mohm)	1000MΩ	1000MΩ	1000MΩ
Input Cap. (Pf)	0.5pF~1.5pF	0.5pF~1.5pF	0.5pF~1.5pF
Cable length	120cm	120cm	120cm



# SOCKET

## Φ 4mm Safety Socket

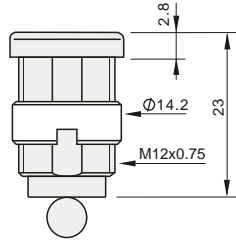
According to IEC 61010-1/61010-031

**Features**

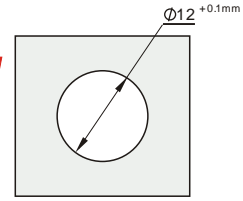
- .Maximum Current: 25A
- .Voltage Tension: 1000V
- .Contact Resist: <math><5\text{m}\Omega</math>



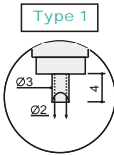




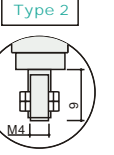











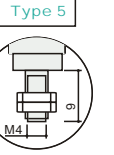

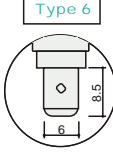


**1000V CATIII**



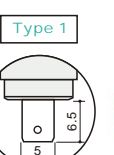


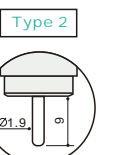


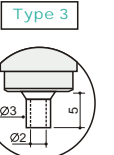


*Drilling*

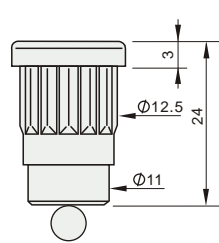


*Fixing: Nuts*

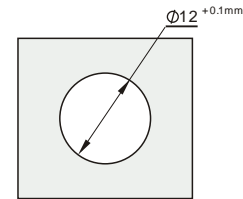
	<b>3264R</b> 	<b>3264N</b> 	<b>3264B</b> 	<b>3264G</b> 	<b>3264Y</b> 
	<b>3265R</b> 	<b>3265N</b> 	<b>3265B</b> 	<b>3265G</b> 	<b>3265Y</b> 
	<b>3266R</b> 	<b>3266N</b> 	<b>3266B</b> 	<b>3266G</b> 	<b>3266Y</b> 
	<b>3267R</b> 	<b>3267N</b> 	<b>3267B</b> 	<b>3267G</b> 	<b>3267Y</b> 
	<b>3268A</b> 	<b>3268B</b> 		<b>3269A</b> 	<b>3269B</b> 

*Fixing: Press in*

	<b>3271R</b> 	<b>3271N</b> 
	<b>3272R</b> 	<b>3272N</b> 
	<b>3273R</b> 	<b>3273N</b> 



*Drilling*



**COLOUR:**



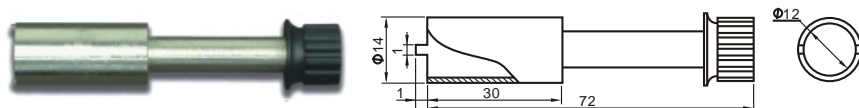
Accessory

## SPANNER

**PTL2801 spanner Specification:**

- . Φ 12mm spanner
- .For safety socket mounting

**PTL2801**



LP-I

**NEW**

The test master is a set of selected test accessories and basic multimeter which meet your most requirements of testing or measurement

**TEST LEADS: Model PTL908-2**



- Black test cable: 1M X 10, 0.5M X 10, 0.25M X 10, 30 pcs total
- Red test cable: 1M X 10, 0.5M X 10, 0.25M X 10, 30 pcs total
- Blue test cable: 0.5M X 10, 0.25M X 10, 20 pcs total
- Yellow test cable: 0.5M X 10, 0.25M X 10, 20 pcs total
- Green test cable: 0.5M X 10, 0.25M X 10, 20 pcs total

**TEST LEADS: Model PTL903-2**



- Black test cable X 2
- Red test cable X 2

**TEST CLIP: Model PTL2371**



- Red clip X 1
- Black clip X 1

**TEST CLIP: Model PTL2372**



- Red clip X 1
- Black clip X 1

**TEST CLIP: Model PTL909-5**



- Red clip X 2
- Black clip X 2
- Yellow & Green clip X 1

**TEST PROBE: Model PTL907-2**



- Red probe X 1
- Black probe X 1

**ADAPTOR: Model PTL2162 X 2**



**LEADS MASTER: Model PTL2000 X 1**



**MULTIMETER: Model MU33A X 1**

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

ACCESSORY

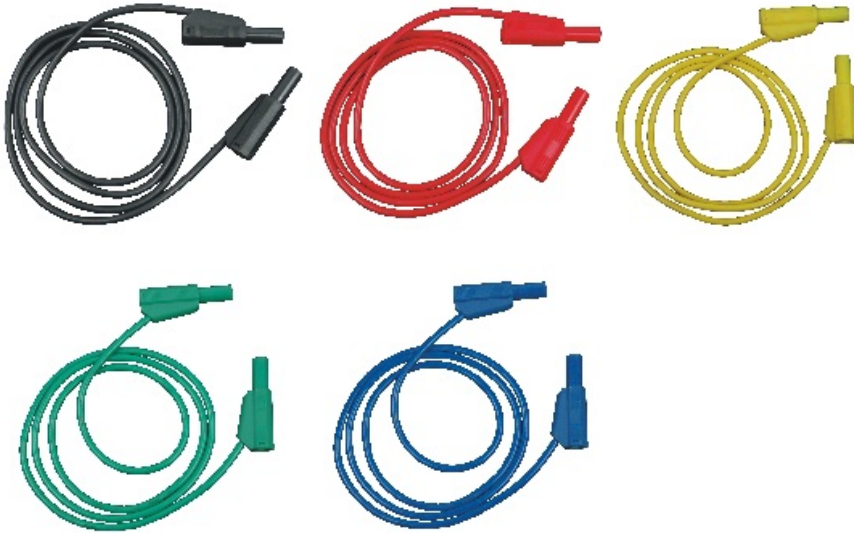
# LEADSPACK

LP-II

**NEW**

The test master is a set of selected test accessories and basic multimeter which meet your most requirements of testing or measurement

**TEST LEADS: Model PTL908-2**



Black test cable: 1M X 10

Red test cable: 1M X 10

Blue test cable: 1M X 10

Yellow test cable: 1M X 10

Green test cable: 1M X 10

**TEST CABLE: Model PTL926 X 3**    **TEST CABLE: Model PTL927 X 3**



**TEST CABLE: Model PTL929 X 3**

**TEST CLIP: Model PTL2371**



**TEST CLIP: Model PTL909-5**

Red clip X 1  
Black clip X 1



Red clip X 2

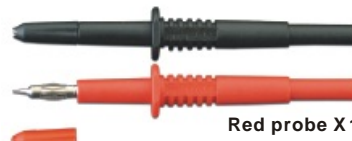
Black clip X 2

Yellow & Green clip X 1

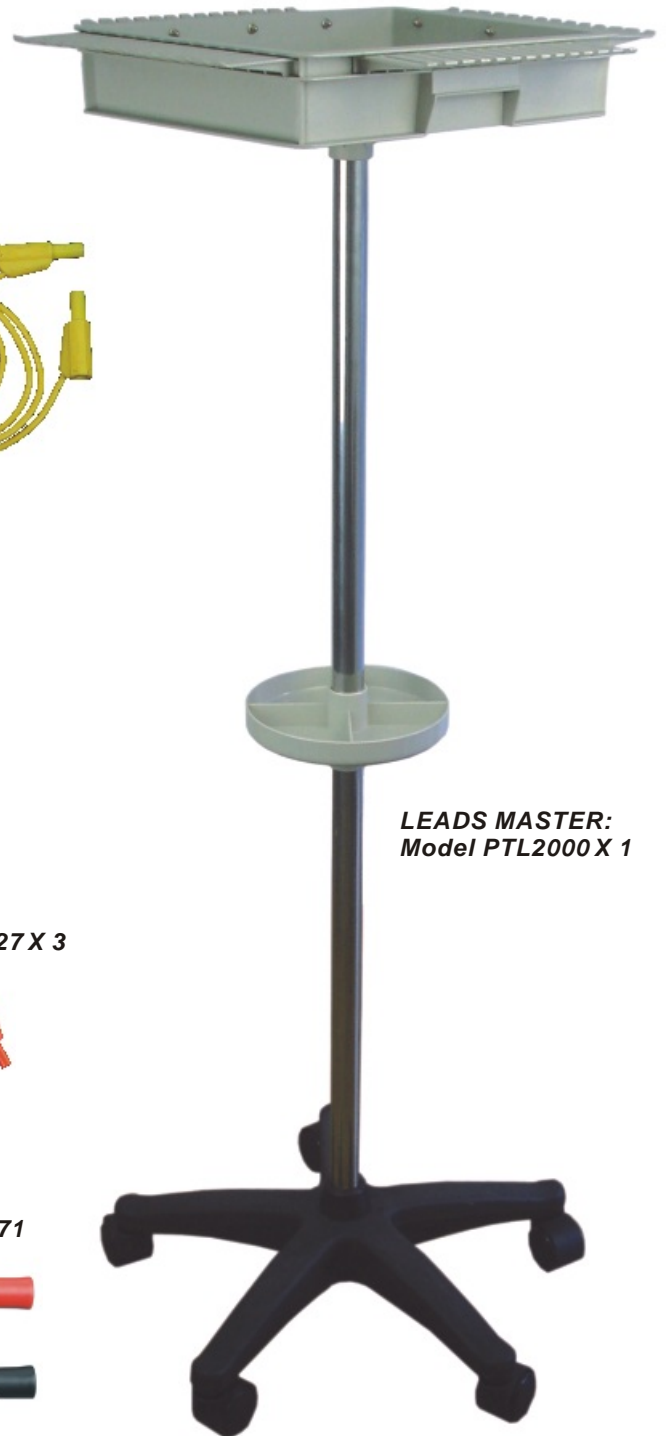
**ADAPTOR: Model PTL2162 X 2**



**TEST PROBE: Model PTL907-2**



Red probe X 1  
Black probe X 1



**LEADS MASTER: Model PTL2000 X 1**



**MULTIMETER: Model MU33A X 1**

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

ACCESSORY

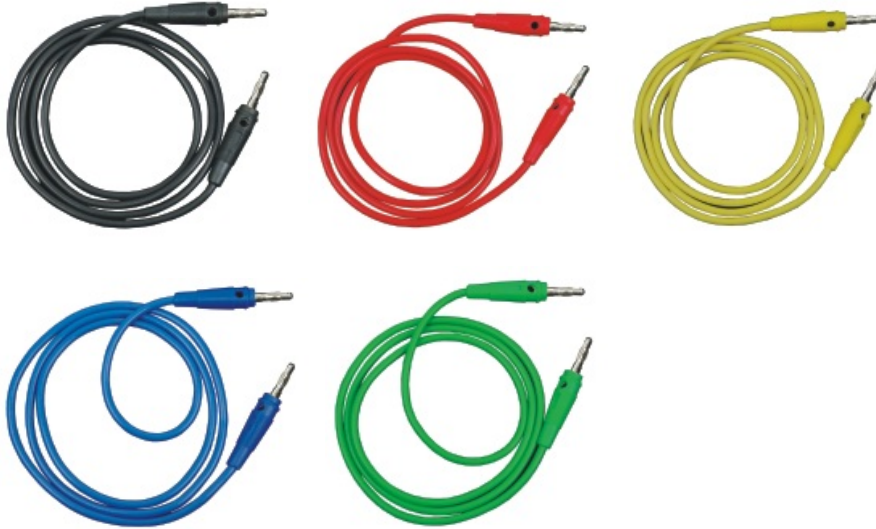


LP-III

**NEW**

The test master is a set of selected test accessories and basic multimeter which meet your most requirements of testing or measurement

**TEST LEADS: Model PTL904-4**



- Black test cable: 1M X 10, 0.5M X 10, 0.25M X 10, 30 pcs total
- Red test cable: 1M X 10, 0.5M X 10, 0.25M X 10, 30 pcs total
- Blue test cable: 0.5M X 10, 0.25M X 10, 20 pcs total
- Yellow test cable: 0.5M X 10, 0.25M X 10, 20 pcs total
- Green test cable: 0.5M X 10, 0.25M X 10, 20 pcs total

**TEST CLIP: Model PTL909-3**

-  Black clip X 2
-  Red clip X 2
-  Yellow & Green clip X 1

**ADAPTOR: Model PTL2159 X 2**



**ADAPTOR: Model PTL2172 X 6**



**LEADS MASTER:  
Model PTL2000 X 1**



**MULTIMETER:  
Model MU33A X 1**

POWER SUPPLY

TEST INSTRUMENT

EDU. INSTRUMENT

METER

ACCESSORY