

# GENERAL ACCESSORIES

## Multimeters

In addition to the general accessories shown, B&K also offers a broad range of product-specific accessories. Visit individual product overview pages on our website to see available accessories.



### 40 kV High Voltage DMM Probe

Model PR 28A

For voltage measurements above the specifications of general purpose probes.

Specifications	PR 28A
Attenuation	x1000
Voltage (AC)	20 kV
Voltage (DC)	40 kV
Bandwidth	60 Hz
Input Impedance	1000 MΩ
Accuracy (AC & DC)	± 3%
Cable Length	48" (1.2 m)



### Maxi-Pro DMM Kit

TL-50 Kit

Complete accessory kit for all your testing needs. Includes soft, flexible silicone lead wire for easy movement.

- IEC61010-2-031 compliant
- Silicone lead wire length 60" (1.5 m)
- Tri-fold velcro pouch

Description	TL-50		
4mm Straight to Right-Angle Silicone Leads, 1.5 m	1000V	CATIII	12 A
Probe Bodies w/Ø2 mm Tip	1000V	CATIII	36 A
Pincer Style Clips	1000V	CATIII	6 A
Alligator Clips	300V	CATI	3 A
Spade Lug Adapters	42 V (1000 V)		36 A
Banana Plug Adapters	42 V (1000 V)		36 A
Fully Insulated Alligator Clips	1000 V	CATIII	20 A



### Deluxe Test Lead Sets

TL 2A Kit

- IEC61010 1000V CATIII rating
- Silicone lead wire length 60" (1.5 m)
- Black alligator clip included
- Threaded tips fits TL 3 accessory kit items



### Probe Accessory Kit

TL 3 Kit

- Threaded accessories to fit TL 2 A probes – black and red pairs (except for alligator clip)
- Alligator clip, red only
- Spring hook clips
- 4" sharp extension tips to reach tight test points
- No. 10 spade lugs



### Special BNC Cable Assemblies

CC-21

Standard BNC to Alligator clips or Sheathed Stacking Plugs. The CC-21, black, molded strain release boots provides for long-life. RG58C/U cable with 50 Ω impedance.

Specifications	CC-21
Impedance	50Ω
Cable	RG58 C/U
Connectors	BNC m to Alligator Clips
Voltage	500 Vrms
VSWR	≤1.2
Cable Length	40" (1.0 m)



### General Purpose DMM Kit

TL 130A Kit

If you need only one basic accessory kit for your meter, this is the one. Attach probes or clips to the sheath plug to complete your test. Soft, flexible silicone leads make movement easy. Kit is voltage and current rated for electronic or electrical applications.

- IEC61010-2-031 compliant
- Silicone lead wire length 60" (1.5 m)
- Tri-fold velcro pouch

Description	TL-130A		
4mm Straight to Right-Angle Silicone Leads, 1.5 m	1000V	CATIII	12 A
Probe Bodies w/Ø2mm Tip	1000V	CATIII	36 A
Alligator Style Clips	1000V	CATIII	20 A
Alligator Clips	300V	CATI	3 A



### DC/AC Current Clamp

Model CP 3

- Converts any DMM to a current clamp
- Measures current without disconnecting circuit under test
- Measures to 400 A DC or AC
- Outputs 1 mV per Amp, operates on 2 V range of any DMM

Specifications	CP 3
(Accuracy specified at 18° to 28°C)	
Current Range	2 A to 400 A, DC or AC
Frequency Response (AC)	50 Hz - 400 Hz
Accuracy	±(2% reading + 2A)
Input Resistance	10 kΩ min.
Maximum Conductor Size	1.1" (30 mm)
Power Requirement	9 V battery, NEDA 1604
Battery Life	100 hr typical
Operating Temperature	0° to 40°C, <70% RH
Storage Temperature	-20° to + 70°C, <80% RH

# GENERAL ACCESSORIES

## Oscilloscope Probes & Carrying Cases



### Active Differential Probe

Model PR-60

Allows safe and accurate floating measurements with your standard analog or digital oscilloscope. Switchable between x10 and x100 attenuation. Unit includes black and red probes and protective rubber jacket.

Specifications	PR-60
Bandwidth	25 MHz (-3 dB)
Attenuation Ratio	x10/x100
Accuracy	±2%
Rise Time	14 ns
Input Impedance	4 MΩ/10 pF each side to ground
Input Voltage	
Max. Differential	±700 V (DC+Peak AC)
Max. Common Mode	±700 V (DC+Peak AC)
Output Voltage	
Max. Amplitude	±7 V (into 2 kΩ load)
Offset (Typical)	±5 mV, -10° to 40° C
Noise (Typical)	1.5 to 2 mV
Source Impedance	1 Ω @ 1 kHz 8 Ω @ 1 MHz
CMRR	
50Hz	86 dB
20kHz	66 dB
200kHz	56 dB
Probes	Sprung Hooks (B/R)
Length of Input Lines	18" (45 cm)
Operating Temperature	14° to 104°F (-10° to 40° C)
Power Requirements	4 x AA Cells
Certification	IEC61010-1 CATIII

### Demodulator Probe

Model PR 32A

All purpose demodulator probe, usable with most oscilloscopes. Features light weight design and 48" (1.2 m) coaxial cable.

Specifications	PR 32 A
Bandwidth	100 kHz - 650 MHz
Accuracy	±3 dB
Voltage	200 V
HF Voltage	50 V <sub>eff</sub>
Actuating Voltage	250 mV
Input Capacitance	5 pF
Cable Length	48" (1.2 m)
Body Color	Black



Model PR 32A

### General Purpose Probes

This full line of probes increases the versatility of your oscilloscope with both fixed attenuation and switchable from 100 to 250 MHz. Each probe includes a full accessory kit with a sprung hook, replacement tip and BNC adapter. All models compliant to IEC61010-031



Model PR-55



Model PR 37AR

Specifications	PR 33A	PR 37 AG	PR 37AR	PR 150	PR 100A	PR 2000	PR-55
Bandwidth (MHz)	15/90	6/150	6/150	25/150	250	150	50
Attenuation	x1/x10	x1/x10/REF	x1/x10/REF	x1/x10	x100	x100	x1000
Input Impedance R(MΩ)	1/10	1/10	1/10	1/10	100	50	100
C(pF)	46/16	100/15	100/15	45/12	6.5	5	1
Voltage (VDC+ACmax)	600	600	600	300	1,200	2,000	10,000
Compensation (pF)	10..35	10..35	10..35	10..30	10..35	10..30	10..30
Cable Length	48" (1.2m)	48" (1.2m)	48" (1.2m)	48" (1.2m)	48" (1.2m)	48" (1.2m)	80" (2.0m)

### Carrying Cases



LC 210A

Description	LC 33	LC 40	LC 210A	LC24	LC 29B
For Models	Clamp-on DMM 312B, 313A, 316, 325, 330B, 350B, 367A, 369B	Function Generators 4010A, 4011A, 4012A 4017A, 4040A Bench Top DMM 2831E	Oscilloscopes 2120B, 2121, 2125A, 2126A, 2190B, 2522B Spectrum Analyzers 2630	Mini-Pro® DMM 2405A, 2407A, 2408	Component Testers 810C, 815, 875B, 878B, 885, 890B, 879B & 830B
Dimensions	5 x 1.75 x 10.5" (127 x 44 x 267) mm	11 x 5.5 x 12" (279 x 140 x 305) mm	15 x 7.5 x 17.5" (381 x 191 x 445) mm	3.75 x 1.5 x 6.75" (95 x 38 x 171) mm	4 x 2.5 x 8" (102 x 64 x 203) mm
Weight	3.18 oz. (90g)	1.02 lbs. (470 g)	2.36 lbs. ( 1070 g)	1.27oz. (36 g)	2.47oz. (70 g)
Material	1000D Navy Cordura Laminate to a 3/16" foam padding, trico backing		1000D Navy Cordura 400D nylon packcloth inside to help it encompass the 1/4" foam padding	1000D Navy Cordura Laminate Laminate to a 3/16" foam padding, trico backing	

# GENERAL ACCESSORIES

## Function Generators & Spectrum Analyzers



### Function Generator Accessory Kit

TLFG

The TLFG kit, function generator kit provides convenience and functionality to get a user up and working. The kit eliminates the time consuming start-up task of collecting cables and adapters.

Description	Qty.	Frequency Range	VSWR Max.
BNC Cable Assembly, 120 cm (48")	2	DC - 1 GHz	1.20:1 @ 1 GHz
BNC (f) Breakout w/Miniature Alligators Clips	1	DC - 1 GHz	N/A
BNC (f) Breakout w/Ø.031 Sockets	1	DC - 1 GHz	N/A
MiniFlex IC Clips, *Black & Red Pair	*2	N/A	N/A
MicroFlex IC Clips, *Black & Red Pair	*2	N/A	N/A
BNC Tee, female-male-female	1	DC - 4 GHz	N/A
BNC female to N type male	1	DC - 4 GHz	1.30:1 @ 4 GHz



### General Purpose BNC & N Type Adapter Kit

CC500

The CC500 general purpose BNC & N type adapter kit provides a comprehensive range of in-series and between-series BNC and N type coaxial adapters for basic RF testing and troubleshooting needs.

- 12 piece kit
- BNC & N type 50Ω Connectors
- Gold plated center contacts
- Storage case

Description	Qty.	Frequency Range	VSWR Max.
BNC Tee female-male-female	1	DC - 4 GHz	N/A
N type female-female	1	DC - 8 GHz	1.30:1 @ 8 GHz
N type male-male	1	DC - 8 GHz	1.30:1 @ 8 GHz
N type Tee female-male-female	1	DC - 8 GHz	N/A
BNC female to N type male	1	DC - 4 GHz	1.30:1 @ 4 GHz
BNC male to N type female	1	DC - 4 GHz	1.30:1 @ 4 GHz
BNC female-female	1	DC - 4 GHz	1.30:1 @ 4 GHz
BNC male-male	1	DC - 4 GHz	1.30:1 @ 4 GHz
BNC female to N type female	1	DC - 4 GHz	1.30:1 @ 4 GHz
BNC Tee female-female-female	1	DC - 4 GHz	N/A
N type Tee female-female-female	1	DC - 8 GHz	N/A
N type Right-Angle male-female	1	DC - 8 GHz	1.35:1 @ 8 GHz



### General Purpose Function Generator Kit

CC 510

The CC 510 kit provides a range of BNC and N type coaxial interconnectors for basic function / arbitrary waveform generators use. All components feature standard BNC or N type interfaces with 50Ω impedance and gold plated center contacts to ensure accurate repeatable measurements. The kit is provided in a convenient foam lined storage case for easy selection and use.

Description	Qty.	Frequency Range	VSWR Max.
BNC Cable Assembly, 100cm (40")	2	DC - 1 GHz	1.20:1 @ 1 GHz
BNC Feed-Thru Terminator, 2W	1	DC - 1 GHz	1.20:1 @ 1 GHz
BNC Tee, female-male-female	1	DC - 4 GHz	N/A
BNC female to Double Banana Plugs	2	N/A	N/A
BNC female to N type male	1	DC - 4 GHz	1.30:1 @ 4 GHz
BNC female to N type female	1	DC - 4 GHz	1.30:1 @ 4 GHz
BNC Attenuator, 20 dB (10x) 2W	1	DC - 4 GHz	1.25:1 @ 4 GHz



### Spectrum Analyzer Coaxial Cable & Adapter Kit

CC265

This convenient kit provides the most popular and useful coaxial accessories to inter-connect B&K Precision's spectrum analyzers.

The kit is a replacement for B&K Precision model numbers: CC 301, CC 302, CC 303, CC 304, CC 305, CC 306 & CC 307

- High frequency SMA cable assembly
- BNC & N type 50Ω Adapters
- Gold plated center conductors
- Storage case

Description	Qty.	Frequency	VSWR Max.
SMA male Cable, 60cm (24")	1	DC - 18 GHz	1.3:1 @ 18 GHz
BNC male to SMA female	1	DC - 4 GHz	1.30:1 @ 4 GHz
BNC female to SMA female	1	DC - 4 GHz	1.30:1 @ 4 GHz
N type male to SMA female	1	DC - 11 GHz	1.30:1 @ 11 GHz
N type female to SMA female	1	DC - 11 GHz	1.30:1 @ 11 GHz

# GENERAL ACCESSORIES

## Power Supplies & Spectrum Analyzers

### Power Supply Accessory Kit

#### TLPS

The TLPS accessory kit combines safety and functionality. A must have for anyone who uses a power supply, this kit is ideal for use with power supplies in educational, service and maintenance, and manufacturing applications.

- High capacity silicone jacketed leads
- Connection adapters
- Medium and large insulated alligator clips
- Black and red components
- Sense lead included



Description	Qty.	(IEC Rating)	Voltage Current Max.
Retractable Leads, 120cm (48") (colors)	*2	600 V CAT II	25 A
6/4mm Spade Lug Adapters, (colors)	*2	33 Vdc/ 70 Vac	36 A
Standard Alligator Clips, (colors)	*2	300 V CAT I	3 A
4mm Banana Plug Adapters (colors)	*2	33 Vdc/ 70 Vac	36 A
Insulated Alligator Clips, (colors)	*3	600 V CAT IV	36 A
Sense Lead Pair, 1 m (Black & Red)	1	33 Vdc/ 70 Vac	3 A

\* Colors: Black & Red

### General Purpose Universal Coaxial Adapter Kit

#### CT2701A

The CT2701A provides a convenient solution for most interconnection needs. This adapter kit, with its 6 universal adapter, allows assembly of hundreds of different coaxial adapters: male to male, female to female, male to female, in-series and between-series for BNC, TNC, N-Type, F, RCA, SMA, UHF and Mini-UHF.

Description	Qty.
Universal Adapters	6
BNC male Adapters	2
BNC female Adapters	2
F male Adapter	1
F female Adapter	1
N Type male Adapters	2
N Type female Adapters	2
RCA male Adapter	1
RCA female Adapter	1
SMA male Adapter	1
SMA female Adapter	1
TNC male Adapters	2
TNC female Adapters	2
UHF male Adapters	2
UHF female Adapters	2
Mini-UHF male Adapter	1
Mini-UHF female Adapter	1



- Convenient interconnection kit
- BNC, TNC, N, SMA, RCA, F, SMA & Mini-UHF connectors
- Tarnish resistant nickel finish
- Gold plated center contacts
- Zippered storage case

### General Purpose Power Supply Accessory Kit

#### CC 545

The CC 545 kit provides most everything needed to put a bench power supply to work.

- High capacity retractable sheath silicone jacketed leads
- Connection adapters
- Extra-large insulated alligator clips
- Black, red and green components
- Coaxial accessories for RF testing
- Storage case

Description	Qty.	(IEC Rating)	Voltage Current Max.
Retractable Lead, 100cm (40"), Black	*3	600 V CAT II	36 A
6/4mm Spade Lug Adapter, Black	*3	33 Vdc/ 70 Vac	36 A
BNC Cable Assembly, 100cm (40")	1	500 Vrms	3 A
BNC female to Double Banana Plugs	1	500 Vrms	3 A
Banana Plug Adapter, Black	*3	33 Vdc/ 70 Vac	36 A
BNC male to Double Binding Posts	1	500 Vrms	3 A
Insulated Alligator Clip, Black	*3	600 V CAT IV	36 A

\* Colors: Black, Red & Green

### 5A Banana Plug Power Supply Cables

#### TL 5A



Description	Qty.	IEC Rating	Voltage Current Max.
Leads, 4mm Banana Plug Leads, 100cm (40")	*2	33 Vdc/ 70 Vac	5 A

### 30A Power Supply Cable

#### TL 30

- #10 Spade lug to large battery clip



Description	Qty.	IEC Rating	Voltage Current Max.
Cables, #10 Lug to Battery Clip, 75cm (30")	*2	33 Vdc/ 70 Vac	30 A