

Selection Guide

This selection guide offers a wide range of quality test and measurement cables for use with IET's standards, resistance decade boxes, milliohmmeters and LCR meters.

PERFORMANCE BANANA CABLES:

TL-500 Ultra High Performance Banana to Banana Gold Plated Shielded Test Leads, feature 4 terminal connections plus shield. The TL-500 consists of a pair of Teflon shielded leads, terminated with bananas which are ideal for use with 4 terminal standards such as SRX, SRL standards and HARS Resistance Decades with -K option when connecting to a 8.5 digit DMM or similar multimeter. The high number of strands provides excellent durability.

- 4 Terminal Kelvin connection
- Teflon insulation
- Silver plated copper conductors
- 16 AWG, 19 strands of 29 AWG
- Gold plated beryllium copper contacts
- Low thermal EMF
- 5 ft. length
- Maximum Voltage: 600 V ac rms
- Maximum Temperature: 55° C



Order Information

TL-500 - As shown with strain relief and gold plated beryllium copper banana plugs

TL-500-Stackable - Stackable gold plated beryllium copper banana plugs, Pomona 5406

PERFORMANCE SPADE LUG CABLES:

TL-600 Ultra High Performance Spade Lug Gold Plated Shielded Test Leads, feature 4 terminal connections plus shield. The TL-600 consists of a pair of teflon shielded leads, terminated with gold plated spade lugs. The cables are ideal for use with 4 terminal standards such as SRX, SRL standards and HARS Resistance Decades when connecting to a 8.5 digit DMM or similar multimeter. The high number of strands provides excellent durability.

- 4 Terminal Kelvin connection
- Teflon insulation
- Silver plated copper conductors
- 16 AWG, 19 strands of 29 AWG
- Gold plated spade lugs
- Low thermal EMF
- 5 ft. length
- Maximum Voltage: 600 V ac rms



GENERAL SPADE LUG CABLES:

The KK-100 General Purpose Test Leads with gold plated spade lugs, feature 4 terminal connections plus shield. The KK-100 consists of a pair of shielded leads, terminated with gold plated spade lugs which are ideal for use with 2 and 4 terminal standards using binding posts.

- 4 Terminal Kelvin connection
- PVC - Jacket and Polypropylene - Insulation
- Tinned copper conductors
- 20 AWG, 7 strands of 28 AWG
- Gold plated spade lugs
- 5 ft. length
- Maximum Voltage: 300 V ac rms
- Maximum Temperature: 55° C



HIGH VOLTAGE COAXIAL CABLES:

TL-1M-Ban-10kV High Voltage Shielded Cable Set is ideal for use with HRRS -5 kV and HRRS -10 kV, VRS and other high voltage standards. Manufactured with 15 kV dc high voltage coaxial cable with silicon insulation and terminated in stackable banana plugs.

- Coaxial Cable to minimize noise
- Silicon insulation for high voltage applications
- Corona resistant
- Silver plated copper center conductor
- 20 AWG, 19 strands of 32 AWG
- Tinned copper shield
- Temperature Range -40° C to + 50° C
- 3 ft. (91 cm) length
- Maximum Voltage: 15,000 V dc



TEST LEAD SET:

630018 Test Lead Set is ideal for use with 1863 and 1864 Megohmmeters and other products such as DMMs that accept banana plugs. High strand count/high temperature silicone leads for added pull strength and flexibility terminated in multimeter probes.

- Red and black, unshielded leads terminated with 4 mm banana plugs and test probes
- Slide-on alligator clips have length of 2.25" and grip of up to 0.3"
- Slide-on extended tip is also included
- Maximum Voltage: 1000 V rms
- Maximum 10 A current
- Maximum Temperature: 80° C
- 48" (122 cm) overall length



SHIELDED TEST LEAD SET:

630018/S Shielded Test Lead Set is ideal for use with 1863 and 1864 Megohmmeters. Shielding minimizes noise for high resistance measurements.

- Nickel plated beryllium copper double banana and single banana plug for shielded, terminated with 3 standard 4 mm gold plated beryllium copper banana plugs on opposite end
- Two conductors 22 AWG, 16 strands of 34 AWG plus shield
- PVC outer jacket
- Includes 2 black and 1 red alligator clip
- Maximum Voltage: 1000 V rms
- Maximum Temperature: 55° C
- 30" (76 cm) overall length

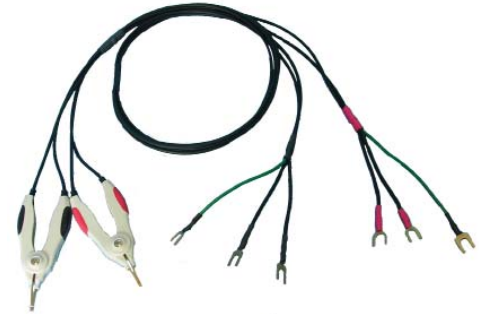


KELVIN CLIP LEADS WITH SPADE LUGS:

Model KK110 – Kelvin Clip Leads

The Kelvin clip lead set is terminated in spade lugs for connection to DMMs, milliohmmeters and other instruments with binding posts. The clips are true four-terminal connections that allow precise measurement by minimizing the affects of lead resistance. The gold-plated beryllium copper jaws and the gold-plated phosphor bronze spade lugs ensure low contact resistance, low thermal emf to copper, high corrosion resistance, and a long life.

- PVC - Jacket and Polypropylene - Insulation
- 4 Terminal Kelvin connection
- Gold plated spade lugs
- 30" in length
- Maximum Temperature: 55° C



KELVIN CLIP LEADS WITH BNC:

1700-03 Kelvin clip lead set to 4 BNC's for making 4-Wire connections with wide variety of test equipment. These are reliable, cost effective solution for your kelvin lead applications. These leads are specifically designed to work with the 1689/89M, 1693, 7600 Plus, 1910, 1920 LCR Meters as well as other manufacturers LCR meters.

- 4 Terminal Kelvin connection with shield
- RG-174U coaxial cable
- BNC Connectors
- 30" in length
- Maximum Temperature: 55° C



KELVIN CLIP LEADS WITH BANANA PLUGS:

KK-1111 Kelvin clip lead set to 4 sheaved banana for making 4-Wire connections with wide variety of test equipment. These are reliable, cost effective solution for your kelvin lead applications. These leads are specifically designed to work with LCR meters and milliohmmeters.

- 4 Terminal Kelvin connection with shield
- RG-174U coaxial cable
- Banana Plugs
- 30" in length
- Maximum Temperature: 55° C



7000-05 CHIP COMPONENT TWEEZERS:

Model 7000-05 – Chip Component Tweezers with 4 BNC to tweezers. These leads are specifically designed to work with the IET/GenRad 1689/89M, 1693, IET/QuadTech 7600 Plus, 1910, 1920 LCR Meters and other manufactures LCR meters with BNC connectors. Ideal for connection between LCR meters and SMD components.

- 4 BNC to tweezers
- Two Wire connection at end
- 20 to 40 mΩ residual error
- Temperature Range: 0 to + 50° C
- 1 m length



BNC TO ALLIGATOR CLIP CABLES:

Model 7000-04 – BNC to alligator clip cables. Alligator Clip lead set with 4 BNC to banana plugs and 4 alligator clips. These leads are specifically designed to work with the IET/GenRad 1689/89M, 1693, IET/QuadTech 7600 Plus, 1910, 1920 LCR Meters and other manufactures LCR meters with BNC connectors. The clips are true four-terminal Kelvin connections that allow precise measurement by minimizing the affects of lead resistance. The gold-plated contacts ensure low contact resistance.

- Alligator Clip lead set with 4 BNC to 4 stackable banana plugs and 4 alligator clips
- Stackable bananas for two and 4 terminal applications
- Coaxial Cable to minimize noise
- RG-174U coaxial cable with 100 pF/m capacitance
- Temperature Range -40 to + 50° C
- 3 ft. length



BNC TO BNC EXTENDER CABLES:

Model 1689-9602 – BNC to BNC Extender cables. Lead set with 4 BNC to 4 BNC connectors. These leads are specifically designed to work with the IET/GenRad 1689/89M, 1693, IET/QuadTech 7600 Plus, 1910, 1920 LCR Meters and other manufactures LCR meters with BNC connectors. Ideal for connection between LCR meters and fixtures such as 1689-9600 Remote Test Fixture and 7000-07 SMD Test fixture.

- 4 BNC to 4 BNC connectors
- RG-174U coaxial cable with 100 pF/m capacitance
- Temperature Range -40 to + 80° C
- 1 m length

Additional Versions

- 1689-9602-2 Two meter length

