

Banana Plug, 36A, Screw



RoHS
Compliant



Designation

Do-it-Yourself (DIY). Stacking 4mm Banana (male) Plug.
Solderless screw wire attachment.

Applications

In-the-field repairing and making of 4mm banana leads.

Characteristics

Electrical Safety
1000V CAT II
600V CAT III
300V CAT IV

: According to EN / IEC 61010-031:2008. Up to 1000 V CAT II / 600 V CAT III / 300 V CAT IV, reinforced insulation, up to 36A (at +40°C) depending on the wire.

According to EN / IEC 60529. IP2X (touchproof). These specifications come from the creepage distances, clearances, accessible parts, and solid insulation of the lead. And the considered specifications of the environment are:

Pollution degree, 1 or 2;

Relative humidity, 80% maximum for temperatures up to 31°C decreasing linearly to 50% relative humidity at +40°C;

Temperature range, +5°C to +40°C;

Indoor use; and altitude, 2000m maximum.

The electrical safety provided by the plug depends on:

The specifications of the wire;

The electrical safety of the wire (typically 1000 V CAT II / 600 V CAT III / 300 V CAT IV, reinforced insulation, according to EN / IEC 61010-031:2008);

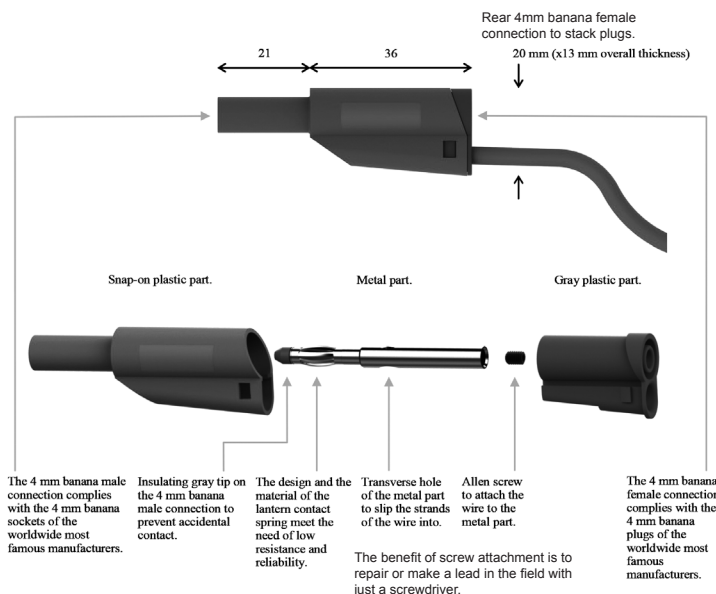
The right assembling of the plug on the wire.

Operating Temperature : -20°C to +80°C

Materials : Conductors: Nickel-coated brass
Wire jackets: PVC

Colour : Red

Diagram



Dimensions : Millimetres

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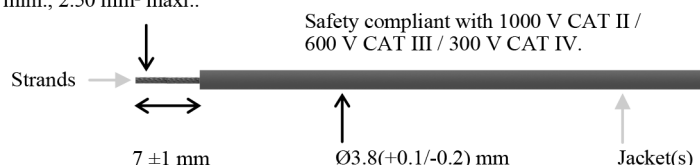


How to implement: Attaching a wire.

Step 1 of 6 : Gather a 1.5mm wrench, a stranded wire with the specifications below, and a tool to strip the wire. Check that the wire and the parts of the plug have no default. Strip the end of the wire on 7mm ±1mm.

Ø2.6 mm maxi. (approximately 12 AWG).
0.75 mm² mini., 2.50 mm² maxi..

Specifications of the wire.



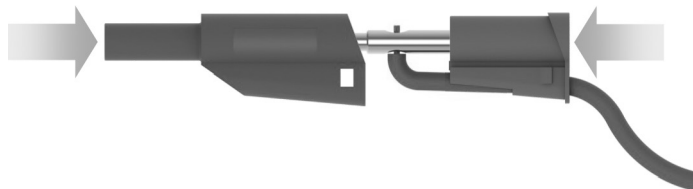
Step 2 of 6 : With the 1.5mm wrench, unscrew the screw without removing it.

Step 3 of 6 : Slip the stripped end of the wire through the grey plastic part and into the transverse hole of the metal part as shown below.



Step 4 of 6 : With the 1.5mm wrench I screw and tighten (2.3 N.m maxi. torque) the screw on the end of the wire.

Step 5 of 6 : Insert the metal part into the grey plastic part while, pull the wire. Insert the other side of the metal part into the snap-on plastic part. Push the grey the plastic part towards the snap-on plastic part until they clip. Shown below.



Step 6 of 6 : Check the grey plastic part is well locked in the snap-on plastic part. The plug is ready to use.

Part Number Table

Description	Colour	Part Number
Banana Plug, 36A, Screw	Red	76-006

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