# DIY Straight 2 mm Banana (male) Plug
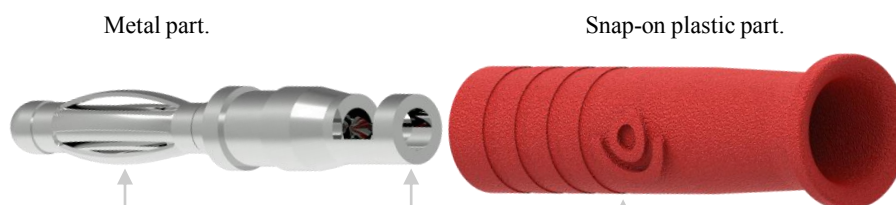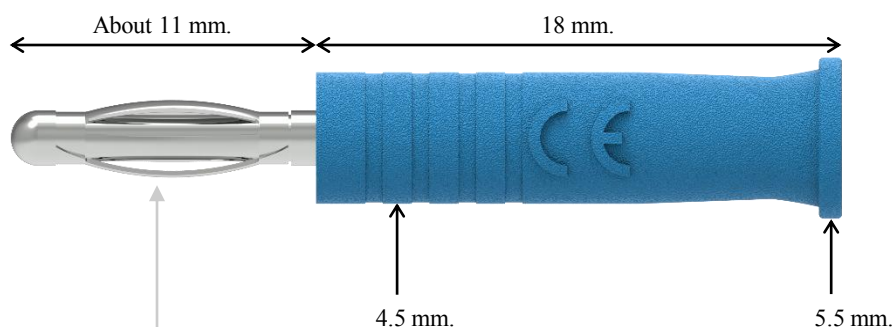
**RND lab**

## Features

Solder wire attachment

## Specification

| | |
|---|---|
| Electrical protection | 30 V AC/ 60V DC, 6 A |
| Operating Temperature | -20 ... 60 °C |
| Conductor Material | Nickel-Coated Brass |
| Conformity | European Directive "RoHS" 2011/65/EU. European Directive 2015/863/EU European regulation n°1907 / 2006 "REACH" European regulation 2017 / 821 "Conflictminerals |
| Environment | "RoHS" compliant, Pb ≤ 4 % in conductor, Pb ≤ 0.1 % in insulator, Hg ≤ 0.1 %, Cr VI ≤ 0.1 %, Cd ≤ 0.01 %, PBB ≤ 0.1 %, and PBDE ≤ 0.1 %. "REACH" compliant, no substances from the candidate list of SVHC for authorisation at mass concentrations greater than 0.1 %. |



About 11 mm. | 18 mm.

4.5 mm. | 5.5 mm.

Metal part. | Snap-on plastic part.

The 2 mm male connection complies with the 2 mm banana sockets of the worldwide most famous manufacturers.
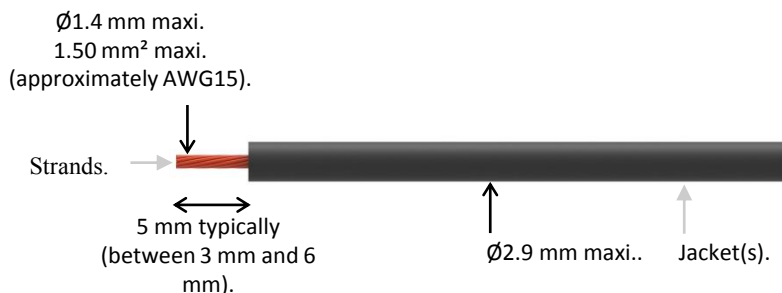
The design and the material of the lantern contact spring meet the need of low resistance and reliability.

Transverse hole of the metal part to slip the strands of the wire into.

# DIY Straight 2 mm
# Banana (male) Plug

**RND** lab

**How to use, to attach a wire**

➡️ Step 1 of 4. Gather a solder iron (150 W maxi.), some (lead or lead-free) tin solder wire, a stranded or solid wire with the specifications below and a tool to strip the wire. Strip the end of the wire on 5 mm typically.

Ø1.4 mm maxi.
1.50 mm² maxi.
(approximately AWG15).

Strands. →

5 mm typically
(between 3 mm and 6 mm).

Ø2.9 mm maxi.. Jacket(s).

➡️ Step 2 of 4. Put the stripped end of the wire into the snap-on plastic part.Put the stripped end of the wire into the hole of the metal part.

➡️ Step 3 of 4. With the solder iron and the tin solder wire solder the wire on the metal part.

➡️ Step 4 of 4. Push the metal part towards the snap-on plastic part until they clip. Check they are well locked.

➡️ The clip is ready to use.

| RND Part Nr. | Colour |
|---|---|
| RND 350-00047 | Black |
| RND 350-00048 | Red |