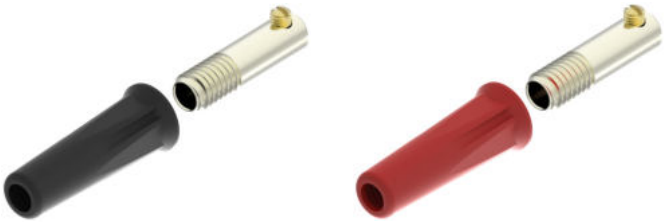
Banana (Female) Jack with Solderless Screw Wire Attachment



Applications

To repair and make 4 mm banana leads in-the-field

Specification

Electrical Safety	30 VAC / 60 VDC 36 A @ 40 °C
Operating Temperature Range	-20 ... 80 °C
Conformity	European Directive "RoHS" 2011/65/EU European REACH regulation n°1907 / 2006
Contact Material	Brass
Contact Plating	Gold
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 %

Cross-section of the plastic part.

Metal part.

Plastic part.

The 4 mm banana female connection complies with the 4 mm banana plugs of the worldwide most famous manufacturers.

Screw to attach the wire to the metal part.

Slot for 3.5 mm flat-bladed screwdriver. Used to assemble the jack.

Hole to slip the strands of the wire into.

The benefit of screw attachment is to repair or make a lead in the field with just screwdrivers.

Because of the threads on the metal part and the plastic part, the plug can be dismantled for repairing the connection.

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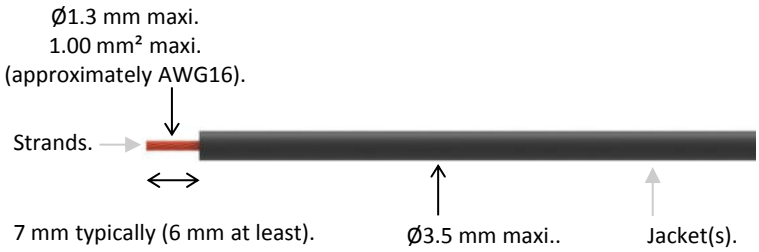
How to use, to attach a wire

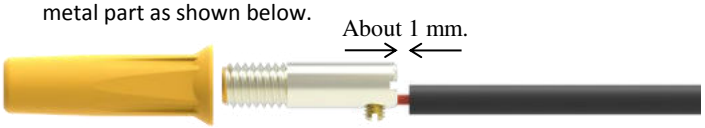
Step 1 of 6. Gather 3.5 mm and 2.5 mm flat-bladed screwdrivers, a stranded or solid wire with the specifications below, and a tool to strip the wire. Strip the end of the wire on 7 mm typically (6 mm at least).



Step 2 of 6. If the plastic part is screwed on the metal part then unscrew it and separate them.

Step 3 of 6. With the screwdriver unscrew the screw without removing it.

Step 4 of 6. Slip the stripped end of the wire into the hole of the metal part and keep about 1 mm of the stripped length out of the metal part as shown below.



Step 5 of 6. With the 2.5 mm screwdriver screw and tighten (2.3.m maxi. torque) the screw on the end of the wire.

Step 6 of 6. Insert the metal part into the plastic part. Hold the plastic part, insert the blade of the 3.5 mm screwdriver into the slot of the metal part ; Screw until the metal part abuts against the plastic part (2.3 N.m maxi. torque).

The jack is ready to use.

RND Part Nr.

RND 350-00139	Black
RND 350-00140	Red