



Ref: FAQ0222

Version: 1.0

Title-Radcom loggers -Splicing flow leads

Made By: AB 18/09/15

(Issue 2)

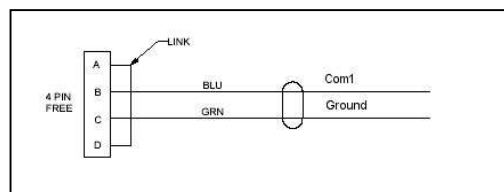
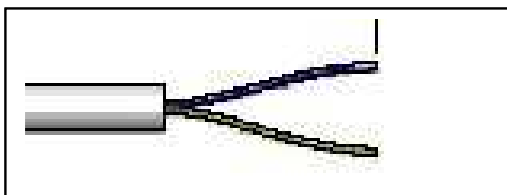
## HWM Guide for Connecting Pulse Cables to Radcom logger Flying Leads by splicing

### Required items

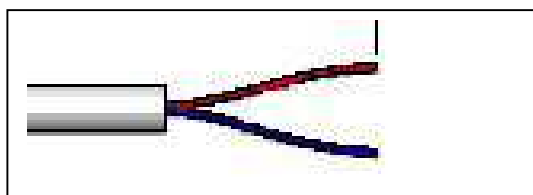
1. 3M Scotchlok UY2
2. Crimping tool
3. Plastic sheath
4. Tube of sicilon sealant
5. Mastic gun

Make sure all cables are stripped of their outer protective wrapping to clearly show individual wire colourings.

Radcom flying lead cable, two core, where BLUE is com1(signal) and GREEN is ground



Supplied pulse unit, in this example where RED is com1(signal) and BLACK is ground



Red Com 1

Black Ground

Taking a 3M Scotchlok UY2 connector





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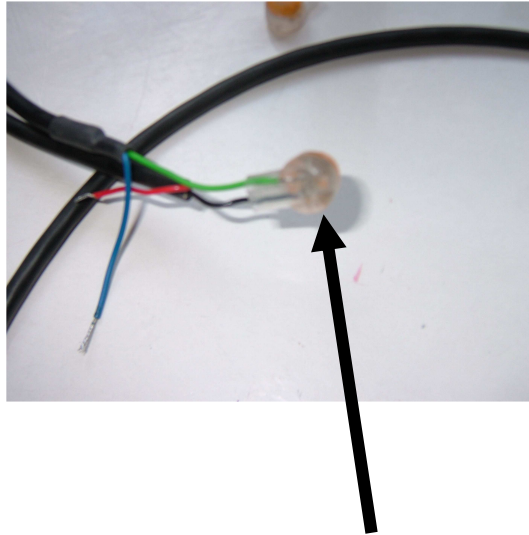
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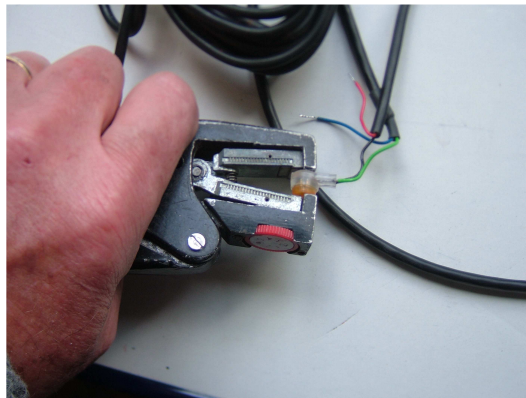
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Insert the cables pairing up ground and com1(signal), so in our example GREEN & BLACK then BLUE & RED



Make sure you push the cable right to the back of the Scotchlok



Crimp the Scotchlok together check the wires have not moved and it's visible the Scotchlok has cut through the cables, thus connecting them together. Gently pull the cables to check they have held firm.

Repeat for the second pair of wires.



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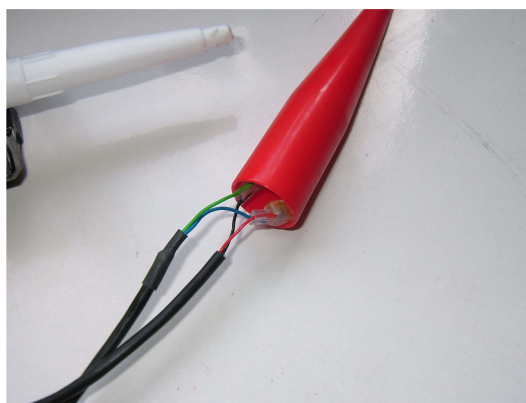
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Taking a plastic sheath half fill it with silicon sealant



Insert both Scotchlok's with connecting cables and push then all the way in



Fill up the sheath with silicon sealant for a full waterproof seal

### Document History:

Edition	Date of Issue	Modification	Notes
1st	04/01/13	Release	
2nd	17/09/15	Format update	