

Notes:
 Insulate joints with heatshrink (Item 4).
 Cut back the wires that are not to be left Unterminated as per the connection table.
 Cover the cable transition with ~30mm of item 6

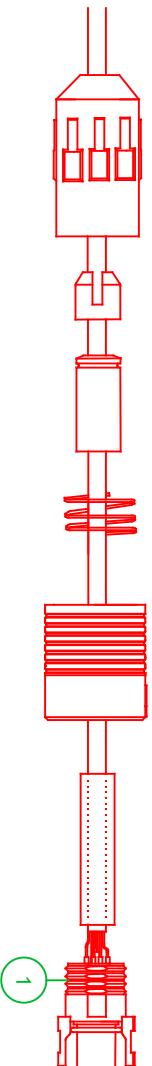
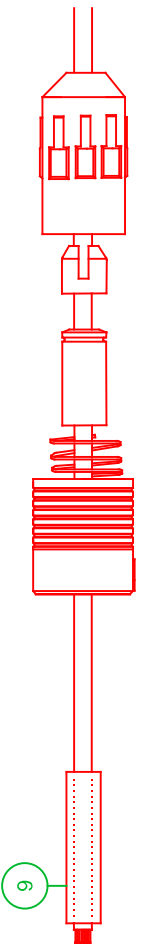
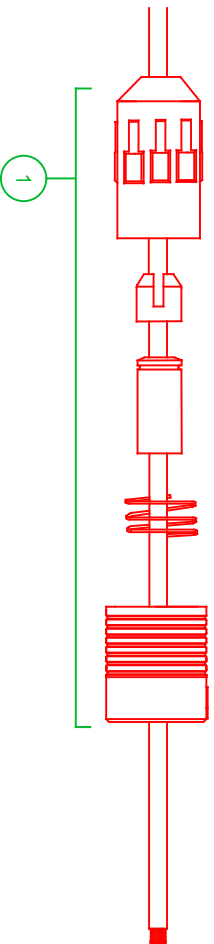
BILL OF MATERIALS

Item	Qty	Manufacturer	Manufacturer PN	Description	Racelogic PN
1	1	Hirose	HR30-6P-6P	6 Way Hirose Plug	142-5745
2	2m	-	-	7-2-6S BLACK CABLE	-
3	1	Avery	J8658-26	Cable Ident 25.4mm x 10mm	-
4	A/R	PRO-POWER	SP3X15/5/BLACK	Heatshrink 1.5mm 3:1	119-1021
5	30mm	PRO-POWER	CGFC-6/2C	Heatshrink Clear 6mm 3:1	304-6539
6	2 x 30mm	PRO-POWER	SP48/RL/BLACK	Heatshrink 4.8mm 2:1 BK	100-8431

Connection Table

End of cable	Colour	Function	Hirose Pin
Unterminated	BLUE	CAN L	4
Unterminated	WHITE	CAN H	5
Cut back	RED	-	Cut back
Cut back	BLACK	-	Cut back
Cut back	GREEN	-	Cut back
Cut back	YELLOW	-	Cut back

DRAWING NUMBER	RLCAB159	DRAWN	H.HUSSAIN	SHEET	1/2
DESCRIPTION	HIROSE 6W P TO UNTERMINATED CAN CABLE				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
5	SOLDER CONNECTOR PINS REMOVED. DRAWING UPDATED.	30/05/23	SH	21335	



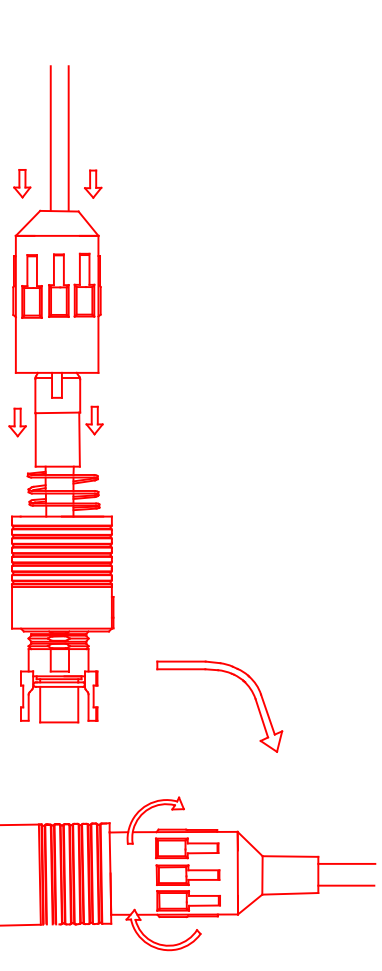
-Strip outer insulation 10mm. Strip and tin wires 3mm.

-Assemble the connector parts on the cable in the order and orientation shown

-Apply 30mm of heatshrink (Item 6) to fit under connector collet

-Insulate joints with heatshrink (Item 4).

-Slide connector components together and tighten as appropriate.



DRAWING NUMBER	RLCAB159	DRAWN	H.HUSSAIN	SHEET	2/2
DESCRIPTION	HIROSE 6W P TO UNTERMINATED CAN CABLE				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
5	SOLDER CONNECTOR PINS REMOVED. DRAWING UPDATED	30-05-23	SH	21335	