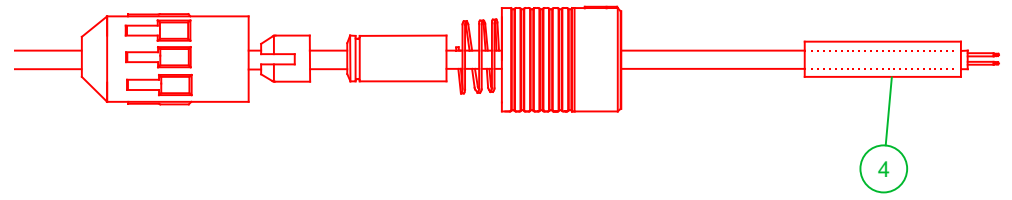
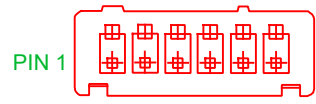


WIRE ENTRY HIROSE

WIRE ENTRY HIROSE DF13



Notes:  
 Insulate joints with heatshrink (Item 3).  
 Cover the cable transition with ~30mm of item 4

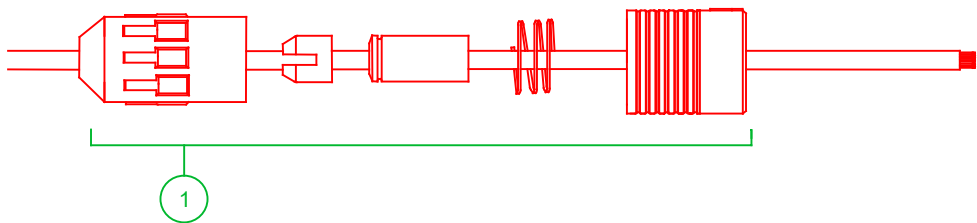
BILL OF MATERIALS

Item	Qty	Manufacturer	Manufacturer PN	Description	Racelogic PN
1	1	Hirose	HR30-6P-6P	6 Way Hirose Plug	142-5745
2	A/R	GUANGZHOU	LC.PRN06.2801	BLACK CABLE - 6CORE SCREENED AWG28	LCPRN062801
3	A/R	PRO-POWER	SP3X15/5/BLACK	Heatshrink 1.5mm 3:1	119-1021
4	2 x 30mm	PRO-POWER	SP48/RL/BLACK	Heatshrink 4.8mm 2:1 BK	100-8431
5	3 (cut in half)	Hirose	H4BBG-10103-B6	DF13 Pre-Crimped wire 76.2mm 26 AWG	H4BBG10103B6
6	1	Hirose	DF13-6S-1.25C	HIROSE DF13 6 WAY HOUSING	DF13-6S-C
7	1	RS PRO	543-197	Black PVC 6.4mm Grommet Max Cable OD 4mm	543-197

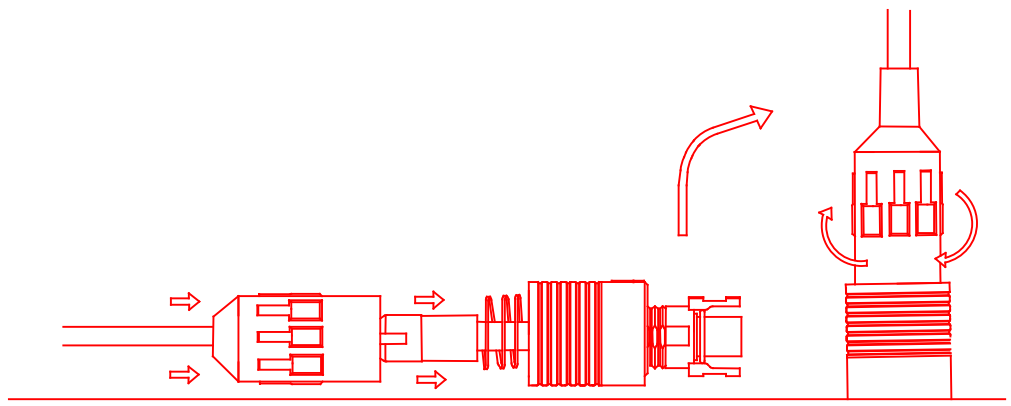
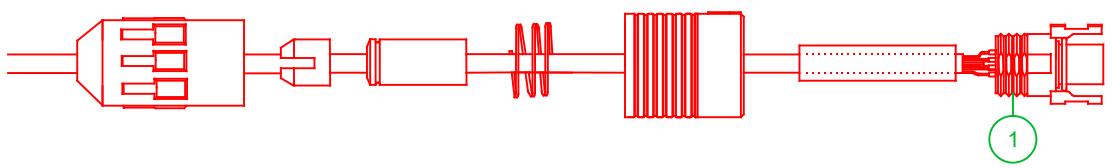
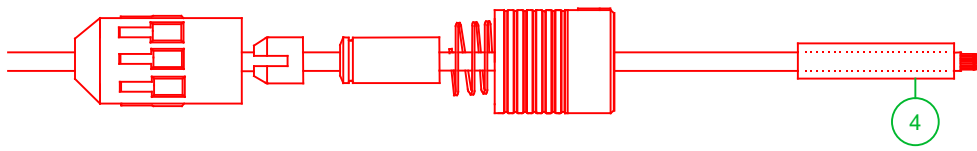
Connection Table

DF13	Colour	Function	HR30
Pin			Pin
1	YELLOW	RS232-RX-IN	2
2	BROWN	RS232-TX-OUT	1
3	N/C	N/A	5
4	ORANGE	RS232-SC-IN	4
5	BLACK	GND	3
6	RED	VIN	6

DRAWING NUMBER	RLCAB175	DRAWN	A.GOLDMAN	SHEET	1/2
DESCRIPTION	FLYING LEAD TO VIPS MM 6WAY HR30 TO 6 WAY DF13				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
4	Overall Cable Length Change to 1.5m	09-08-21	SH	17531	



- 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 heatshrinkg (Item 6) overlapping 10mm of existing heatshrink
- Solder connector on as per the connection table insulate all joints with heatshrink (Item 4).
- Slide connector components together and tighten as appropriate.



DRAWING NUMBER	RLCAB175	DRAWN	A.GOLDMAN	SHEET	2/2
DESCRIPTION	FLYING LEAD TO VIPS MM 6WAY HR30 TO 6 WAY DF13				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
4	Overall Cable Length Change to 1.5m	09-08-21	SH	17531	