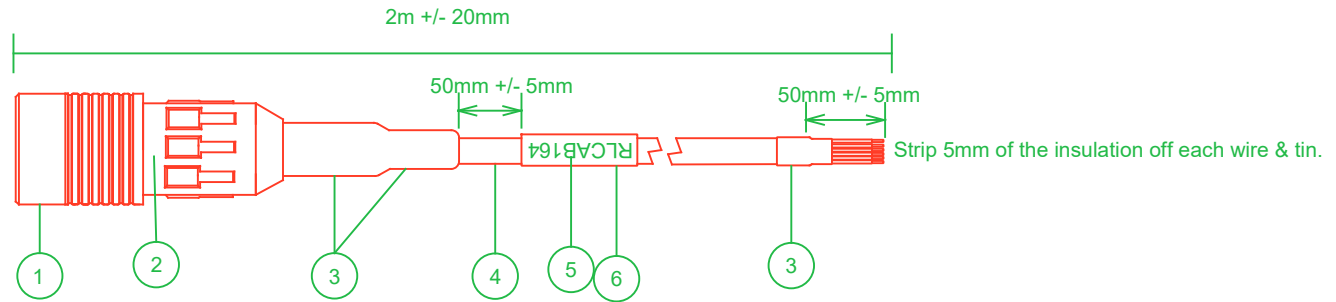


WIRE ENTRY
HIROSE



BILL OF MATERIALS

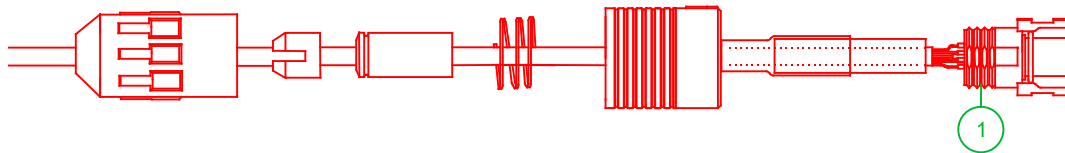
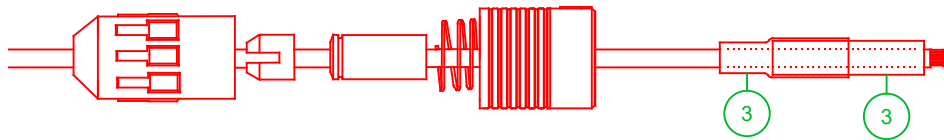
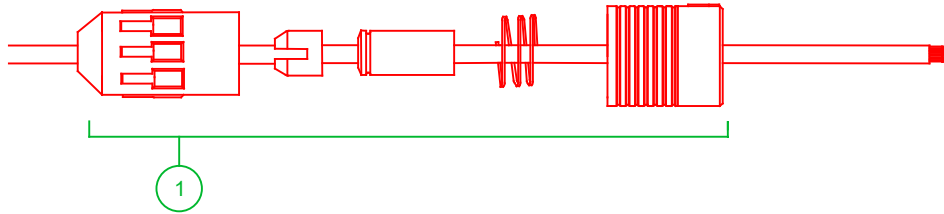
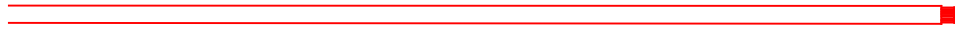
ITEM	QTY	MANUFACTURER	MANUFACTURER P/N	DESCRIPTION	RACELOGIC P/N
1	1	HIROSE	HR30-6P-6P(31)	HIROSE 6 WAY PLUG	142-5745
2	A/R	PRO POWER	SP3X15/5/BLACK	HEATSHRINK BLACK 1.5mm 3:1	119-1021
3	A/R	PRO POWER	13636	HEATSHRINK BK 2:1 4.8mm	100-8431
4	2m	-	-	7-2-6S BLACK CABLE	-
5	1	AVERY	J8658-26	CABLE IDENT ON 25.4 X 10mm LABEL	
6	30mm	PRO POWER	CGFC-6/2-X	HEATSHRINK CLEAR 6mm 3:1	304-6539

CONNECTION TABLE

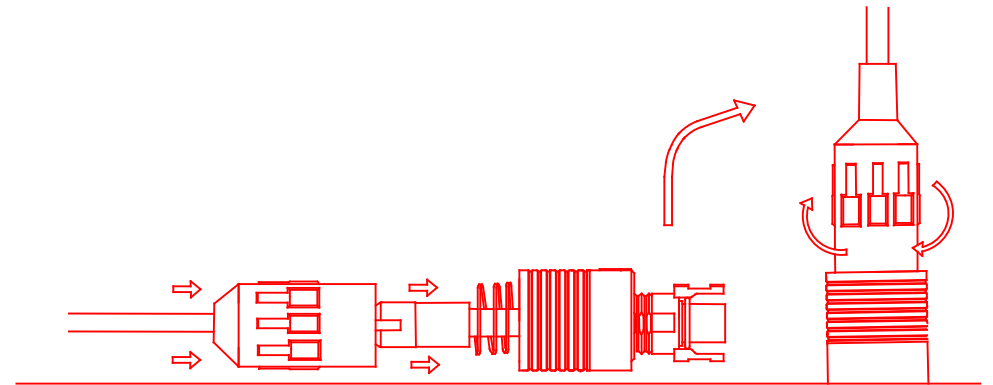
HIROSE	FUNCTION	COLOUR
1	OLED Rx RS232	GREEN
2	OLED Tx RS232	YELLOW
3	GROUND	BLACK
4	CAN L	WHITE
5	CAN H	BLUE
6	POWER	RED

- Fit the Hirose connector as per the instructions below (referencing the connection table).
- Fit the cable label and the clear heatshrink.
- Strip back the outer insulation on the unterminated end cover the transition with 20mm of item 3 then, strip and tin the last 5mm of the wires.
- Shrink the clear heatshrink.

DRAWING NUMBER	RLCAB164	DRAWN	B.SELBY	SHEET	1/2
DESCRIPTION	6 WAY HIROSE TO UNTERMINATED				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
3	NOTE ADDED TO TIN WIRES	22-07-20	SH	15827	



- Strip and tin 3mm from each wire
- Assemble the connector parts on the cable in the order and orientation shown
- Apply 30mm of item 3 heatshrink to end of cable
- Apply 25mm of item 3 heatshrink overlapping 10mm of existing heatshrink
- Solder connector on as per the connection table insulate all joints with item 2.
- Slide connector components together and tighten as appropriate.



DRAWING NUMBER	RLCAB164	DRAWN	B.SELBY	SHEET	2/2
DESCRIPTION	6 WAY HIROSE TO UNTERMINATED				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
3	NOTE ADDED TO TIN WIRES	22-07-20	SH	15827	