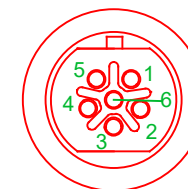


WIRE ENTRY
PHG.0B.305.CLLD52Z

NOTES:

- Strip back the cable jacket to a suitable length on the LEMO end and cover the transition with a piece of item 6.
- Connect the LEMO as per the connection table, insulate all joints with item 4.
- Fit the RLCAB161 label (item 3) so that it reads from the unfinished end to the LEMO end.
- Cover the label with 30mm of item 5 and shrink this down.
- See page 2.



WIRE ENTRY
HIROSE

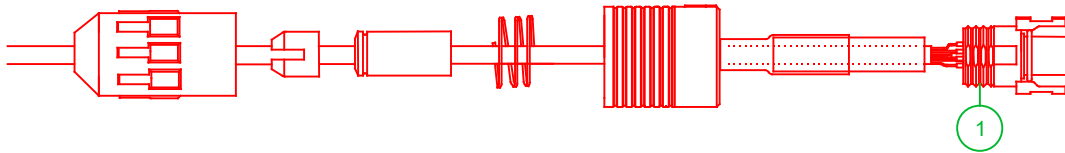
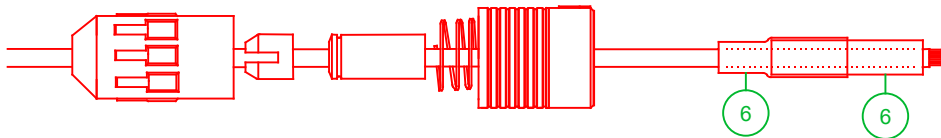
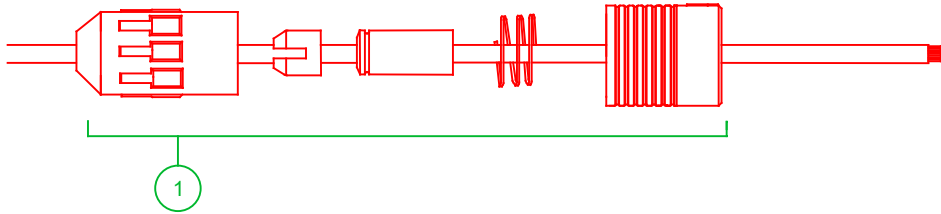
BILL OF MATERIALS

Item	Qty	Manufacturer	Manufacturer PN	Description	Racelogic PN
1	1	Hirose	HR30-6P-6P	6 Way Hirose Plug	142-5745
2	250mm	GUANGZHOU	LCPRN062801	6 Core cable + screen	LCPRN062801
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	A/R	PRO-POWER	SP48/RL/BLACK	Heatshrink 4.8mm 2:1 BK	100-8431
7	1	LEMO	PHG.0B.305.CLLD52Z	LEMO 5W CABLE SCKT	LEMO 5W SC
8	1	LEMO	GMA.0B.035.DN	LEMO BLACK STRAIN BOOT	GMA.0B.035.D

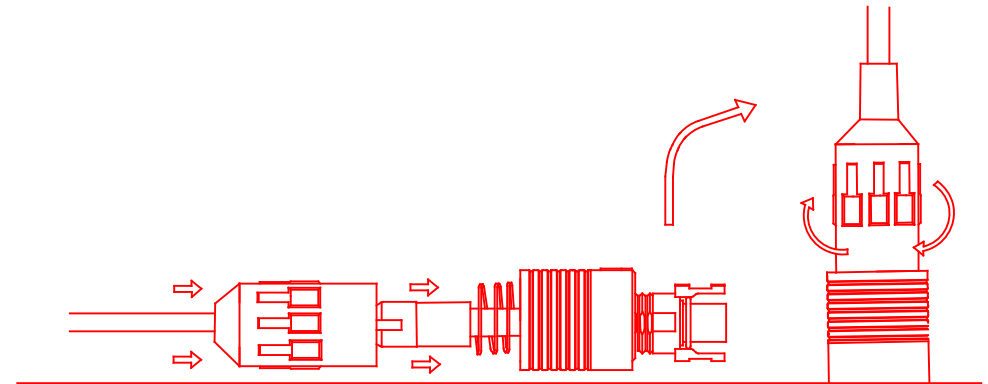
Connection Table

LEMO	Function	Colour	Hirose
Pin			Pin
1	Tx232 Out	Yellow	2
2	Rx232 In	Brown	1
3	CAN H	Orange	5
4	CAN L	Green	4
5	V RAW	Red	6
Shell	GND	Black	3

DRAWING NUMBER	RLCAB161	DRAWN	B.SELBY	SHEET	1/2
DESCRIPTION	6W HIROSE TO 5W LEMO SOCKET				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
1	FIRST ISSUE	30-03-20	SH	15102	



- Strip and tin 3mm from each wire
- Assemble the connector parts on the cable in the order and orientation shown
- Apply 30mm of item 6 heatshrink to end of cable
- Apply 25mm of item 6 heatshrink overlapping 10mm of existing heatshrink
- Solder connector on as per the connection table insulate all joints with item 4.
- Slide connector components together and tighten as appropriate.



DRAWING NUMBER	RLCAB161	DRAWN	B.SELBY	SHEET	2/2
DESCRIPTION	6W HIROSE TO 5W LEMO SOCKET				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
1	FIRST ISSUE	30-03-20	SH	15102	