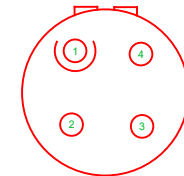


Notes:

- The strain relief on item 1 may be a tight fit on the cable, if this is the case, running a 4.5~5mm drill bit through the strain relief will alleviate this issue.
- The fuse that comes as standard with these cigar plugs is 3A and needs to be swapped for a 8A fuse (item 9).
- Cover cable transitions with a suitable length of item 6.
- Connect the cigar plug to the cable (item 2) as per the connection table.
- Connect the LEMO (item 8) to the cable (item 2) as per the connection table.
- Insulate all joints with appropriate heat shrink (item 7).



WIRE ENTRY
FGA.0B.304.CLAD52Z

BILL OF MATERIALS

ITEM	QTY	MANUFACTURER	MANUFACTURER PN	DESCRIPTION	RACELOGIC PN
1	1	PRO POWER	PP01007	CIGAR PLUG WITH 10A FUSE	PP01007
2	A/R	LEMO	CMN.04.T22.047PNCE	4 CORE 22AWG SCREENED CABLE BLACK	-
3	1	AVERY	J8658-25	CABLE IDENT ON 25.4 X 10mm LABEL	
4	30mm	PRO POWER	CGFC-6/2-X	HEATSHRINK CLEAR 6mm 3:1	304-6539
5	1	LEMOUK	GMA.0B.045.DN	LEMO SLEEVE BLACK	GMA.0B.045DN
6	A/R	PRO POWER	SP48/RL/BLACK	HEATSHRINK 4.8mm BK 2:1	100-8431
7	A/R	PRO POWER	SP3X15/5/BLACK	HEATSHRINK 1.5MM BK 3:1	119-1021
8	1	LEMOUK	FGA.0B.304.CLAD52Z	4 WAY A KEYED LEMO PLUG	LEMO 4W P-A
9	1	RS PRO	563-429	8A GLASS FUSE 6.35mm x 30mm	563-429

LENGTH VARIANTS

CABLE NAME	LENGTH
RLCAB157	2m +/- 20mm
RLCAB157-3	3m +/- 20mm

CONNECTION TABLE

CIGAR	WIRE	FUNCTION	4 WAY A KEY LEMO
TERMINAL	WIRE	FUNCTION	PIN
CENTRE	WHITE	POWER	1
CENTRE	RED	POWER	2
SIDE CLIPS	GREEN	GROUND	3
SIDE CLIPS	BLACK	GROUND	4
SIDE CLIPS	DRAIN	SCREEN	N/C

DRAWING NUMBER	RLCAB157	DRAWN	B.SELBY	SHEET	1/1
DESCRIPTION	SCREENED LEMO 4 WAY TO CIGAR POWER CABLE				
REVISION					
ISS	DESCRIPTION	DATE	APPROVED	REDMINE	
3	CIGAR PLUG AND FUSE CHANGED	01-11-21	SH	17969	