



BILL OF MATERIALS

| ITEM | QTY | SUPPLIER | SUPPLIER PN | DESCRIPTION | RACELOGIC PN |
|------|------|-----------------|--------------------|---|--------------|
| 1 | 1 | HIROSE | HR30-6P-6P | 6 WAY HIROSE PLUG | 142-5745 |
| 2 | A/R | PRO-POWER | SP3X15/5/BLACK | Heatshrink 1.5mm 3:1 | 119-1021 |
| 3 | A/R | PRO-POWER | SP48/RL/BLACK | Heatshrink 4.8mm 2:1 BK | 100-8431 |
| 4 | 1 | LEMO UK | PHG.0B.302.CLLD52Z | LEMO 2 WAY CABLE MOUNT SOCKET | LEMO 2WAY SC |
| 5 | 1 | VITAL PARTS | NV5034 | M6.2 x 20mm F/F Nylon Spacer | NV5034 |
| 6 | 50mm | TE CONNECTIVITY | HTAT-12/3-0 | Heatshrink 12mm 4:1 Black 12/3 Adhesive Lined | HTAT-12/3-0 |
| 7 | A/R | ARROW | 7-2-6S | 6 CORE + SCREEN | 019745F |
| 8 | 1 | RS | 426-0931 | 8 PIN W/PROOF PLUG, BULGIN | 426-0931 |
| 9 | 4 | RS | 426-1322 | 5 AMP PIN CONTACT - SOLDIER - BULGIN | 426-1322 |
| 10 | A/R | RS | 157-3795 | HEATSHRINK 6/2 ADHESIVE LINED 3:1 6.4mm | 157-3795 |
| 11 | 2m | BELDEN | 529-187 | 2 CORE BELDEN CABLE 8451 BLACK | 529-187 |
| 12 | 1 | LEMO UK | GMA.0B.030.DN | BLACK LEMO SLEEVE | GMA.0B.030.D |
| 13 | 30mm | FARNELL | 304-6552 | CLEAR HEATSHRINK | 304-6552 |
| 14 | 1 | AVERY | J8658-25 | CABLE IDENT ON 25.4 x 10mm LABEL | J8658-25 |

- Notes:**
- Remove outer insulation from Hirose end + splice in Belden cable.
 - Cover Hirose cable with heatshrink.

CONNECTOR WIRING

| BULGIN | COLOUR | FUNCTION | HIROSE | 2 WAY LEMO |
|--------|--------|----------------|--------|------------|
| PIN | | | PIN | PIN |
| 2 | YELLOW | RS232 TRANSMIT | 2 | N/C |
| 3 | GREEN | RS232 RECEIVE | 1 | N/C |
| 4 | RED | PWR | 6 | 1 |
| 5 | BLACK | RS232 GROUND | 3 | 2 |

| | | | | | |
|----------------|--|----------|-----------|---------|-----|
| DRAWING NUMBER | RLCAB220 | DRAWN | H.HUSSAIN | SHEET | 1/1 |
| DESCRIPTION | BASESTATION LITE TO MAST MOUNT CABLE + PWR | | | | |
| REVISION | | | | | |
| ISS | DESCRIPTION | DATE | APPROVED | REDMINE | |
| 1 | FIRST ISSUE | 12/04/23 | SH | 21104 | |