



CAB-00044 – Orbita Serial Cable

| Ver. | Date | Pub | Chk | Description |
|------|------------|-----|-----|---------------------------------------|
| A1 | 10/03/2023 | EB | SN | Initial drawing. |
| B1 | 14/04/2023 | EB | AC | Extra length added after prototyping. |

1. Description

FTDI-232-3V3 cable that allows communication with Houston/Orbita.

2. Bill of Material

| Item | Description | L (mm) | Qtté | Ref. Farnell / RS |
|--|--------------|--------|------|-------------------|
| USB-Serial converter | TTL-234X-3V3 | 250 | 1 | 2753009 / |
| Molex PicoBlade Fem. Housing 5 ways | 51021-0500 | | 1 | / |
| Contacts for PicoBlade | 50079-8000 | | 3 | / |
| Gaine thermo | | | | / |

3. Assembly

Molex PicoBlade Contacts are crimped with Tool Molex 63811-0000.

4. Drawing

