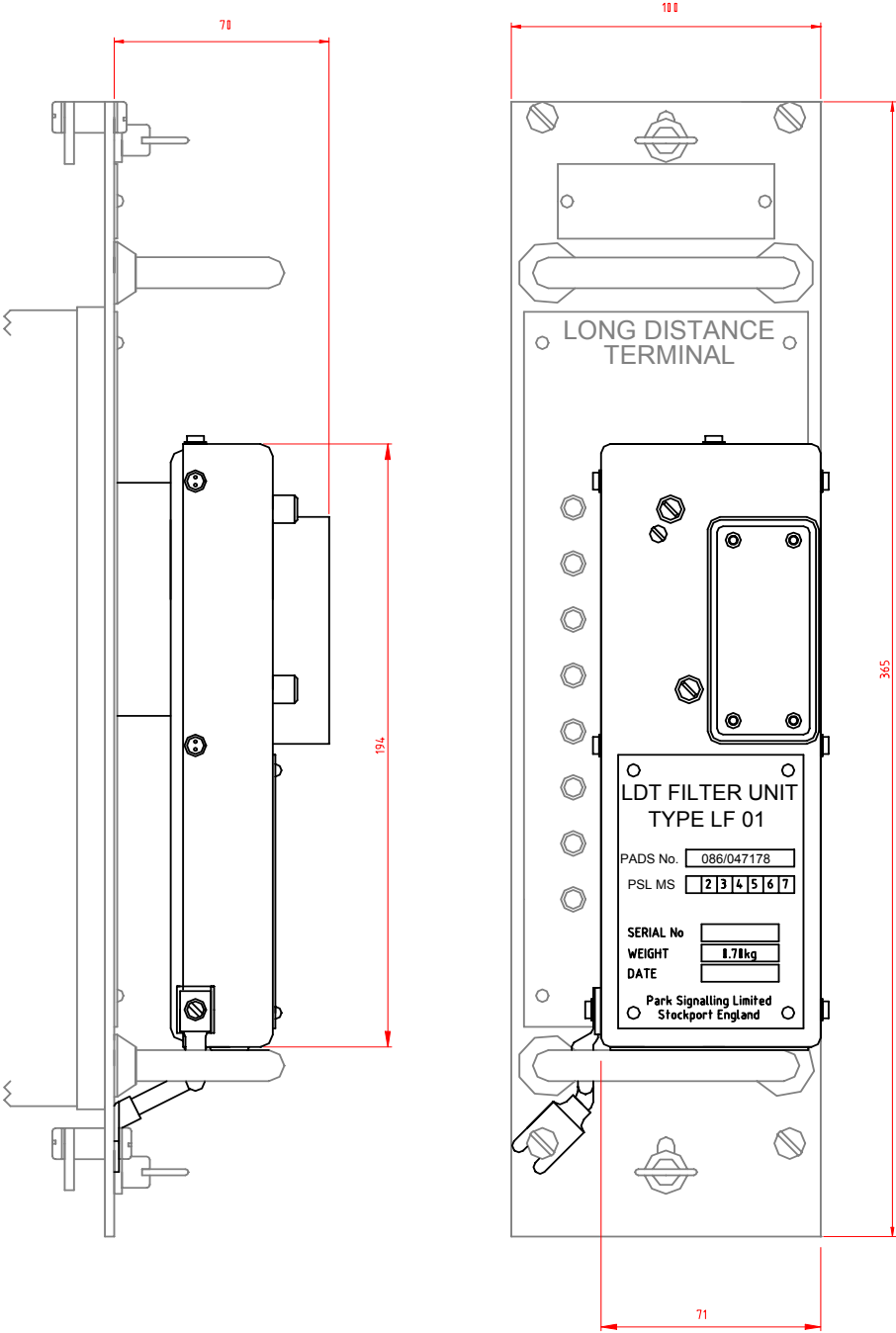


LDT Filter User Instructions



1. INSTALLATION INSTRUCTIONS

These instructions are intended only as a guide. If Network Rail documentation contradicts these instructions, the Network Rail documentation must be used.

1. Before first installation it must be ensured that adequate space is available for fitment of the filter.
2. It is essential to check that the duplicate Long Line Link NOT containing the LDT to be taken off-line is fault free and is fully operational. This will ensure that the duplicate Link will support the signalling system and avoid disruption when the Link to which the filter is to be fitted is powered off.
3. Check that the LDT Filter is at Mod 2, is in good condition and has its security seal intact.
4. Remove power from the LDT to which the LDT Filter is to be connected.
5. Remove the location case 75-way connector from the LDT.
6. Check that there are no foreign objects on the 75-way connectors of the LDT Filter and that all pins are good condition.
7. Check that the earth strap is securely attached to the LDT Filter.
8. Loosen the screw at the bottom left-hand corner of the LDT; the screw need not be completely removed from the LDT.
9. Holding the LDT Filter upright with the label facing away from the LDT, thread the earth strap through the bottom handle of the LDT, and place the 'forked spade' between the washer and the LDT front panel.
10. Push the LDT Filter onto the 75-way connector of the LDT (some downward pressure will be needed as the springs on the base of the LDT Filter engage with the LDT handle). Tighten the thumbscrews on the LDT Filter.
11. Tighten the screw to attach the bonding strap securely to the LDT.
12. Connect the location case 75-way connector and wiring to the LDT Filter.
13. Apply power to the LDT.
14. Check that the LDT is operational in accordance with existing procedures for LDT replacement.

2. MAINTENANCE INSTRUCTIONS

These instructions are intended only as a guide. If Network Rail documentation contradicts these instructions, the Network Rail documentation must be used.

1. When it is suspected that the LDT and/or the LDT Filter is faulty then confirm the status of the LDT by inspecting the indicators on its front panel, in accordance with existing procedures.
2. Fault find by module exchange. It is recommended that the first swap-out / replacement be of a complete LDT and LDT Filter pair.
3. Replacement / re-fitting of the LDT Filter should be carried out in accordance with the installation instructions above.
4. Check that the LDT is operational in accordance with existing procedures for LDT replacement.

3. DISPOSAL



As the LDT Filter contains electronic components, please dispose of it responsibly when it is life-expired.