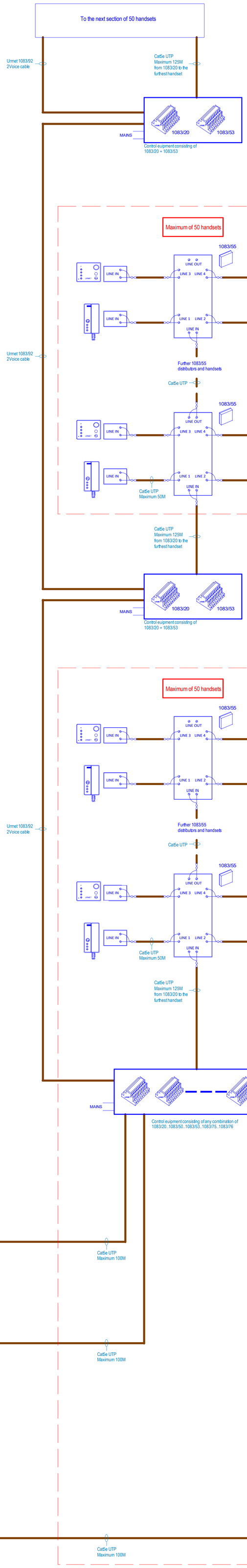
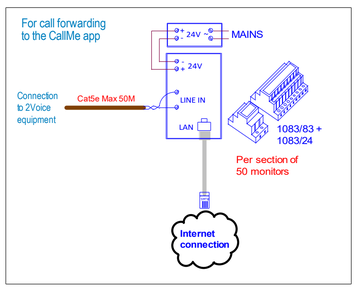
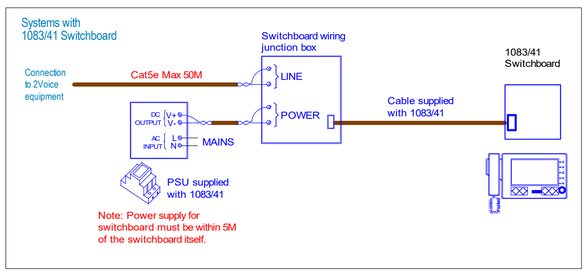



The maximum 'cable extension' for each section is 800M.

For example -

Power supply to the last 1083/55 distributor = 40M
1083/55 distributor to handset = 15M (multiplied by eg 40 apartments) = 600M.
40M + 600M = 640M cable extension.

Cables for electric releases, proximity readers etc are not included in the cable extension calculation.

The maximum number of sections is 32 therefore the maximum number of apartments is 32 x 50 = 1600

The maximum 'cable extension' for each section is 800M.

For example -

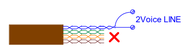
Entry panel 1 to power supply = 80M
Entry panel 2 to power supply = 20M
Entry panel 3 to power supply = 10M
Entry panel 4 to power supply = 10M
Entry panel 5 to power supply = 20M
Entry panel 6 to power supply = 15M
Power supply to the last 1083/55 distributor = 40M
1083/55 distributor to handset = 15M (multiplied by eg 40 apartments) = 600M.
80M + 20M + 10M + 10M + 20M + 15M + 40M + 600M = 795M cable extension.

Cables for electric releases, proximity readers etc are not included in the cable extension calculation.

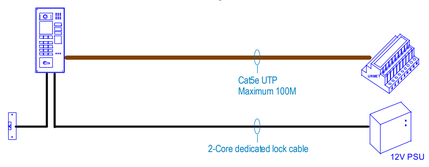
The maximum number of sections is 32 therefore the maximum number of apartments is 32 x 50 = 1600

## NOTES:

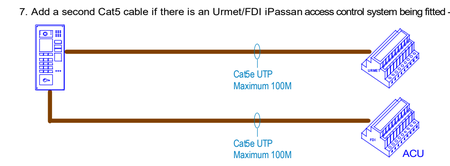
1. This schematic is for guidance only and should not be used for installation
2. Maximum distance from door entry panel to control equipment is 100m using Cat5e cable
3. Maximum distance from control equipment to the furthest handset is 125m using Cat5e cable
4. Maximum distance from the 1083/55 to the handset is 50m using Cat5e cable
5. Spare cores in Cat5e cable must not be used for other services -



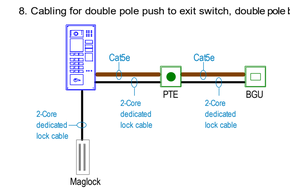

6. Add a cable for the electric release or maglock -



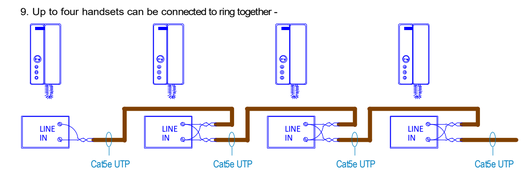

7. Add a second Cat5 cable if there is an Urmet/FDI iPassan access control system being fitted -




8. Cabling for double pole push to exit switch, double pole break glass unit and maglock -




9. Up to four handsets can be connected to ring together -

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| Title | 2Voice system schematic |
| Drawing No. | UD08326 PAGE10 |
| Date | 22-6-2022 |
| Drawn TC | Checked LK Revision 01 |