



The maximum 'cable extension' is 800M.

For example -

Entry panel 1 to 1083/53 = 10M
 Entry panel 2 to 1083/53 = 10M
 Power supply to the last 1083/55 distributor = 40M
 1083/55 distributor to handset = 15M (multiplied by eg 40 apartments) = 600M.
 10M + 10M + 40M + 600M = 660M cable extension.

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

NOTES:

- This schematic is for guidance only and should not be used for installation
- Maximum distance from door entry panel to 1083/53 is 100m using Cat5e cable
- Maximum distance from 1083/53 to the handset is 125m using Cat5e cable
- Maximum distance from 1083/55 to the handset is 50m using Cat5e cable
- Spare cores in Cat5e cable must not be used for other services -

- Add a cable for the electric release or maglock -

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

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

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