

The maximum 'cable extension' or maximum total amount of cable in the 2Voice system is 800M.

For example -

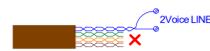
- Entry panel 1 to control equipment = 100M
  - Entry panel 2 to control equipment = 10M
  - Entry panel 3 to control equipment = 10M
  - Entry panel 4 to control equipment = 10M
  - Entry panel 5 to control equipment = 20M
  - Entry panel 6 to control equipment = 30M
  - Entry panel 7 to control equipment = 40M
  - Control equipment to the last 1083/55 distributor = 40M
  - 1083/55 distributor to monitor = 10M (multiplied by eg 40 apartments) = 400M.
- 100M + 10M + 10M + 10M + 20M + 30M + 40M + 40M + 400M = 660M cable extension.

If you calculate the 'cable extension' to be over 800M, please contact Urmet Technical Support.

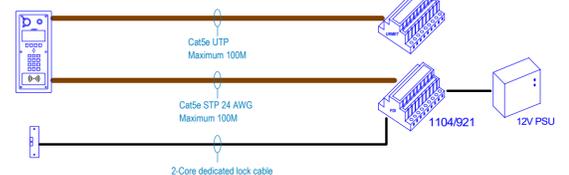
Note that cables for electric releases, proximity readers etc do not need to be included in the cable extension calculation.

#### NOTES:

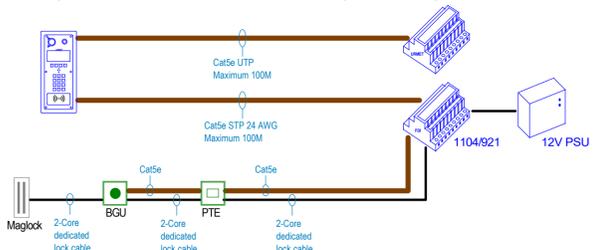
1. This schematic is for guidance only and should not be used for installation
2. Maximum distance from door entry panel to control equipment is 100m using Cat5e cable
3. Maximum distance from control equipment to the monitor is 125m using Cat5e cable
4. Maximum distance from 1083/55 to the monitor is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



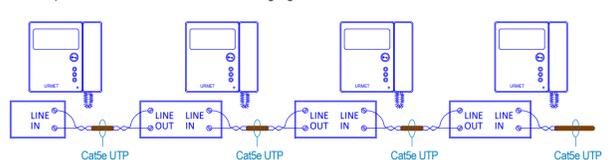
6. Add a cable for the electric release -



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



8. Up to four monitors can be connected to ring together -



Online training available here -



**urmet**

**2 voice**

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