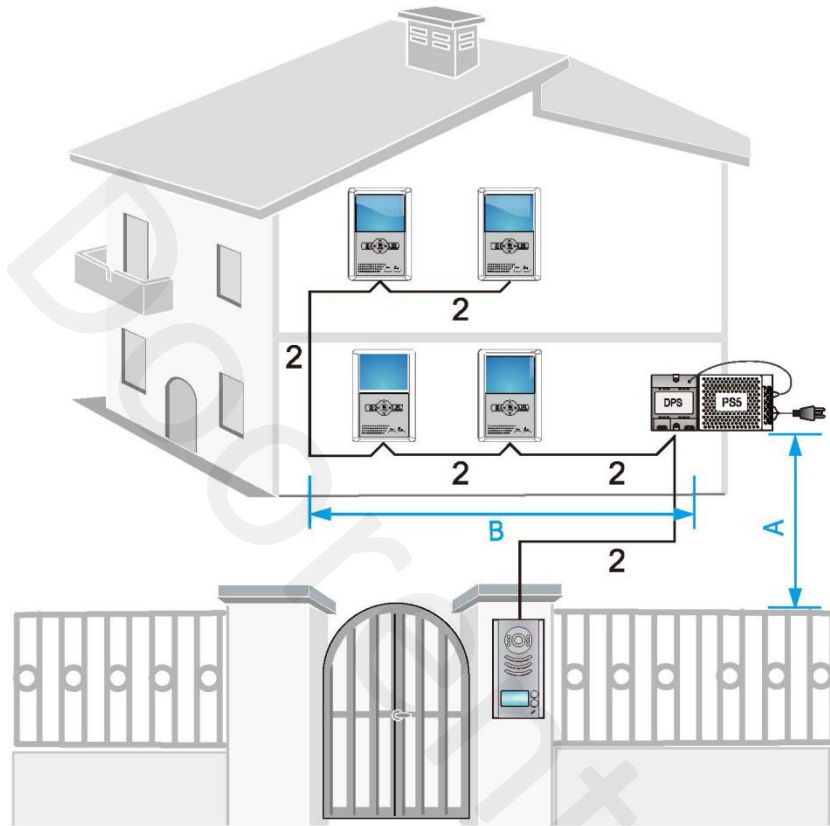# Cable Distances

Prestige 2 Wire video entry system Looped cabling – 4 monitor/handsets max

The Prestige 2 wire video entry system can operate from 120 metre to 200 metre from the door panel to the furthest video monitor

Operational distance can vary depending upon the quality and type of cable used as well as the overall system installed

For best results it is suggested to use Non-Shielded 0.75mm to 1.0mm twisted cable such as twin core 220v-240v AC flex cable to high quality Beldon cable
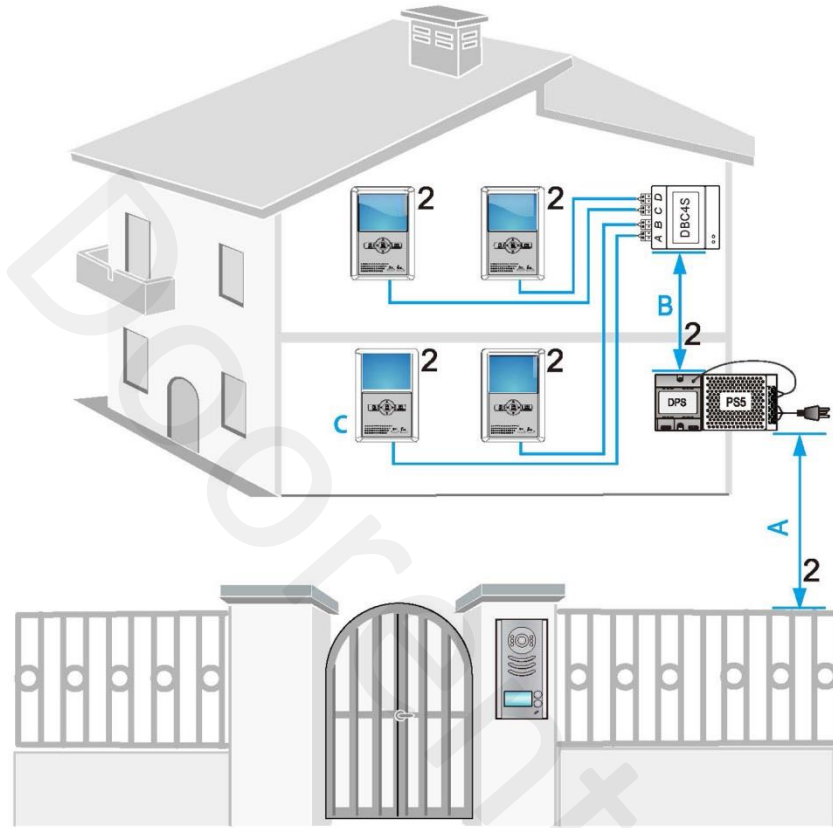
Below is a guide line for standard installations for 1-4 video monitors/handsets

There are two methods of installing and connecting the cable network for every system. Looped cabling to each monitor/handset (As the above image illustrates) or Star cabling whereby each monitor/handset cable is installed separately via a DBC4S 4 way splitter

Cable distances for up to 4 x video monitors/handsets using 'Looped' cable installation

Cable type used	A = Door panel to the PSU and DPS	B = PSU to the furthest monitor	C = DBC4S (If used) to the furthest monitor
CAT5/6 (8 Core paired)	40 Metre	80 Metre	N/A
0.75mm (Twisted pair)	60 Metre	100 Metre	N/A
1.0mm (Twisted pair)	80 Metre	120 Metre	N/A

Cable Distances

Prestige 2 Wire video entry system Star cabling with DBC4S 4 way splitter/s

The Prestige 2 wire video entry system can operate from 120 metre to 200 metre from the door panel to the furthest video monitor

Operational distance can vary depending upon the quality and type of cable used as well as the overall system installed

For best results it is suggested to use Non-Shielded 0.75mm to 1.0mm twisted cable such as twin core 220v-240v AC flex cable to high quality Beldon cable

Below is a guide line for larger installations for up to 18 video monitors/handsets with DBC4S 4 way splitter/s DBC4S 4 way splitters are required for every 4 monitors/handset

There are two methods of installing and connecting the cable network for the system. Looped cabling to each monitor or Star cabling (As the above image illustrates) whereby each monitor/handset cable is installed separately via a DBC4S 4 way splitter

Cable distances for up to 18 x video monitors/handsets using 'Star' cable installation

Cable type used	A = Door panel to the PSU and DPS	B = PSU to the furthest DBC4S	C = DBC4S (furthest) to the furthest monitor
CAT5/6 (8 Core paired)	30 Metre	20 Metre	20 Metre
0.75mm (Twisted pair)	60 Metre	60 Metre	30 Metre
1.0mm (Twisted pair)	80 Metre	80 Metre	40 Metre