

4. Installation

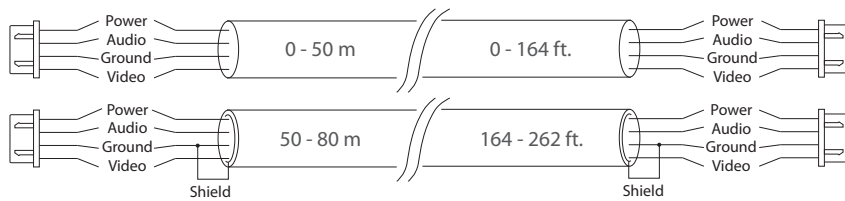
4.1. Cable requirements

Disconnect all power cables before device installation.

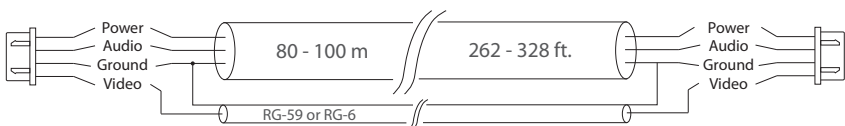
Cable type that is used for device connection depends on the distance between the last indoor monitor in the system and outdoor panel:

a) Use 4-wire cable with such parameters:

- distance up to 25 meters (82 ft.) use a cable with 0,22 mm² square of one wire (AWG 24);
- distance 25 to 50 (82-164 ft.) meters use a cable with 0,41 mm² square of one wire (AWG 21);
- distance 50 to 100 meters (164-328 ft.) use a cable with 0,75 mm² square of one wire (AWG 18).

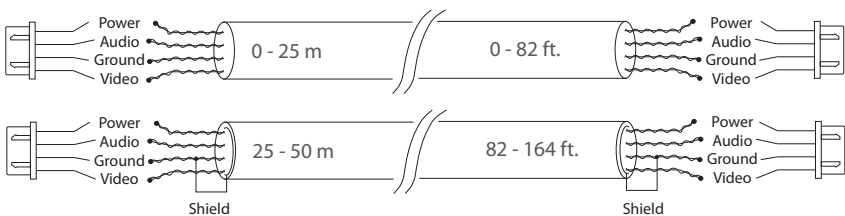


b) If the distance between door monitor and door panel is between 80 and 100 meters (262-328 ft.) then use a 3-wire cable with 0,75 mm² (AWG 18) square of one wire and RG-59 or RG-6 coaxial cable for the video signal.



c) Shielded or non-shielded twisted pair (not recommended):

- distance up to 25 meters (82 ft.) non-shielded twisted pair can be used;



4.2. Schematic diagrams

Diagram 1. Sonik 7 Cloud outdoor panels, cameras and locks connection.

