

**METAKOM**

группа компаний

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Requirements for the installation of video equipment "Metakom."

When installing video equipment "Metakom", the audio and video laying should be carried out by different cable lines. It is not allowed to lay audio and video lines in one cable.

As an audio cable, it is recommended to use a shielded wire of the KSPEV 4x0.5 type for communication between the call unit and the switch, for communication with the subscribers - KSPEV 20x0.4 (the number of wires is selected depending on the number of subscribers), taking into account the total resistance of the communication line. It should not exceed 30 ohms. The total resistance is made up of the resistance of the wires from the outdoor panel to the switch and the resistance of the line from the switch to the subscriber (the resistance of the two conductors "+" and "-" of the line is taken into account). If the resistance exceeds the permissible value, it is necessary to increase the cross-section of the wire. The twisted wires must be dissolved or use special patch pads.

As a video cable, it is necessary to use a shielded wire of PK 75 (for example RK 75-3-34M) with a wave impedance of 75 Ohm. When wiring it is not allowed to twist the cable.

The connection must be carried out by soldering. The branching of the cable must be done using video splitters. For long lines (more than 50 m), you need to use video amplifiers or video splitters with amplification function.

Recommended types of cables for intercom network installation.

The outdoor panel section is a switch: KSPEVG 4x0.2 / KSPEV 4x0.5 (when laying the cable in a separate cable channel (separate pipe) or the absence of close-passing power conductors (and other reasons that cause interference) it is permissible to use the cable KSPV 4x0.5.

The switch section is a floor splitter: KSPEVG 20x0,12 / KSPEV 20x0,4 (for cable laying in a separate cable channel (separate pipe) or the absence of closely passing power conductors (and other reasons causing interference) it is permissible to use a cable KSPV 20x0,4.

The outdoor panel section is a video splitter: Video splitter - video monitor: RC 75-3-32.

The power section of video monitors (video splitters, video cameras), Connected in groups: PVS 2x0,75 it is permissible to use analogue cable ШБВП 2x0,75.

The video monitor section is a video camera (with power supply): KVK-V-2 2x0.75 / KKS-V-3 2x0.75.