

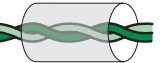




### Maximum distances and characteristics of the conductors

The connection of the apparatus is of the unpolarised type.

The use of conductors with characteristics other than those prescribed does not guarantee certain system distances being reached or the good quality of the video signal, therefore only use the cables described in the tables below.

Type of cable	Max. distance between Mixer Art. 4896 and internal unit.	Max. distance between external unit and Mixer Art. 4896	Max. distance between external unit and Art. 4833/A.	Max. distance between Art. 4833/A and Mixer Art. 4896.	Max. distance between external unit and Mixer or amplifier Art. 4833/A with a Art. 4834/2 inserted.	Max. distance between terminal of branch Art. 1214/2 and internal unit.
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>H</b>
Comelit cable Art. 4577 1 mm <sup>2</sup> cross-sect. (Ø 1.2 mm) 	<b>200 m</b>	<b>200 m</b>	<b>200 m</b>	<b>200 m</b>	<b>150 m</b>	<b>60 m</b>
Two-wire cable 1.5 mm <sup>2</sup> cross-sect. (Ø 1.4 mm)** 	<b>150 m</b>	<b>100 m</b>	<b>100 m</b>	<b>100 m</b>	<b>80 m</b>	<b>40 m</b>
Braided and shielded cable 1 mm <sup>2</sup> cross-sect. (Ø 1.2 mm)* 	<b>120 m</b>	<b>80 m</b>	<b>80 m</b>	<b>80 m</b>	<b>50 m</b>	<b>30 m</b>
Twisted telephone cable 0.28 mm <sup>2</sup> cross-sect. (Ø 0.6 mm)* 	<b>100 m</b>	<b>150 m</b>	<b>150 m</b>	<b>150 m</b>	<b>100 m</b>	<b>40 m</b>
UTP5 cat 5 AWG 24 Cable 0.2 mm <sup>2</sup> cross- sect. (Ø 0.5 mm)* 	<b>80 m</b>	<b>150 m</b>	<b>150 m</b>	<b>150 m</b>	<b>100 m</b>	<b>40 m</b>
Two-wire cable 0.5 mm <sup>2</sup> cross-sect. (Ø 0.8 mm)** 	<b>120 m</b>	<b>100 m</b>	<b>100 m</b>	<b>100 m</b>	<b>80 m</b>	<b>40 m</b>

\* In case of multipaired cable, it is advisable to use one pair only for the system. If necessary to reduce voltage drop, due to long distances, it is possible to use a pair as a single core.

\*\* In case of multicore cable, it is necessary to use only two of the available wires. We recommend not to double up on the conductors.

### Maximum distances which can be reached by the conductors off additional monitor power supply and external unit power supply

Cross-section of the conductor	Max. distance between transformer Art. 1195 and external unit.	Max. distance between power supply Art. 1212/B and internal unit.
	<b>F</b>	<b>G</b>
0.28 mm <sup>2</sup> (Ø 0.6 mm)	<b>4 m</b>	<b>10 m</b>
0.5 mm <sup>2</sup> (Ø 0.8 mm)	<b>10 m</b>	<b>25 m</b>
1 mm <sup>2</sup> (Ø 1.2 mm)	<b>20 m</b>	<b>50 m</b>
1.5 mm <sup>2</sup> (Ø 1.4 mm)	<b>30 m</b>	<b>100 m</b>
2 mm <sup>2</sup> (Ø 1.6 mm)	<b>40 m</b>	<b>150 m</b>

Figures showing distances

