



VIDEO SIGNAL AMPLIFIER VCA-1/2000



The VCA-1/2000 video amplifier is designed for amplification of one video signal transmitted via coaxial cable. This way it is possible to increase the route of signals up to 2000 meters. The control knobs perform both gain adjustment and correction of frequency response functions. Together with increase of gain, the correction is deeper.

The VCA-1/2000 has a distance range switch: from 400 to 1200 meters, and from 1200 to 2000 meters. The amplifier provides excellent signal quality up to 1200 meters. For the longer distances there is a degradation of the video signal quality (lower contrast, geometrical distortion, etc.). In these cases the device can be used if there is no other long distance solution for no high-end requirements. The amplifier should be employed at the end of transmission line i.e. by monitor. It is advised to protect all equipment against lightning discharges with the use of surge arresters (e.g. OPV-1).

SPECIFICATIONS:

Power - 12V DC

Current consumption - 60mA

Input / output impedance - 75Ω

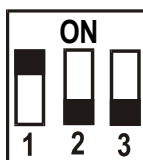
Bandwidth - 9MHz / 1Vpp

Power socket type - DC plug 5,5/2,1mm

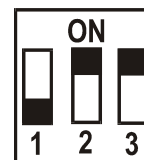
Dimensions - 120 x 61 x 30mm

Weight - 83g

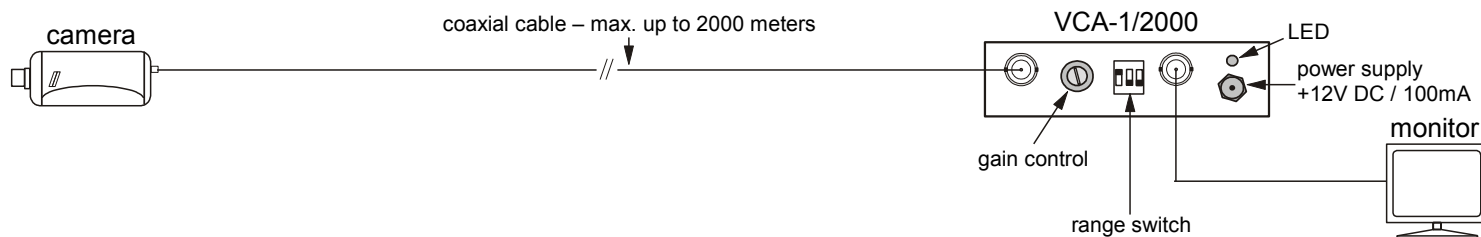
RANGE: 400-1200 METERS



RANGE: 1200-2000 METERS



Schematic diagram:



Producer: P.W. "DELTA", ul. Graniczna 10, 60-713 Poznań, Poland, www.delta.poznan.pl



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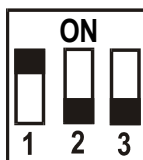
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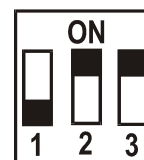
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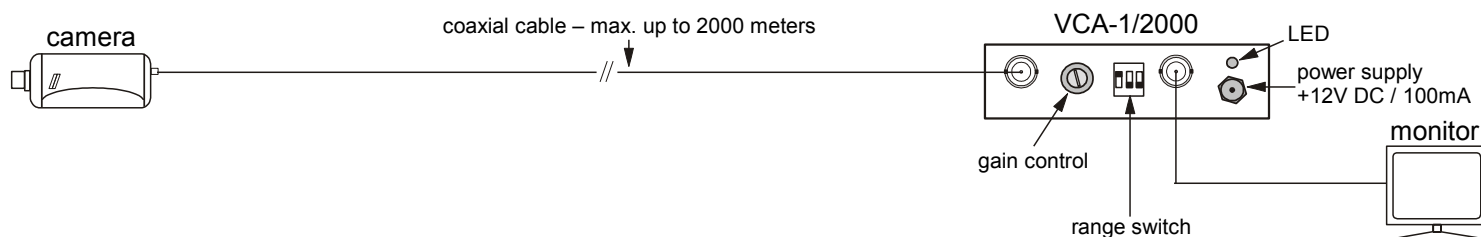
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