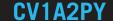
audio video power bulk cables hybrid

**AVP** 







1 x video + 2 x audio + power 3 x 1.5 mm<sup>2</sup>

- video (HD-SDI, Composite)
- audio (analog + digital AES/EBU)
- balanced audio (2x 0.22 mm²)
- ideal for fixed and temporary installations



This hybrid cable incorporates a video line for composite or SDI signals, two digital audio lines to AES/EBU standard and a power line. As a convenient combination of all the relevant factors image, audio and power - it is therefore ideal for use with cameras and can also be used to connect remote-control surveillance cameras. The video line comprises a copper solid conductor enclosed in physically foamed PE dielectric medium. It has an AL foil shield covered by ultra-dense braided copper shield for doubly effective screening. The two balanced audio channels (conductor cross-section 0.22 mm²) have foil shields and are suitable for analogue and digital audio signal transmission and for control signals. The three strands in the jacketed power line each have a conductor cross-section of 1.5 mm<sup>2</sup>.

## hybrid

twisting 1x video + 2x audio + power + tracers fleece taping outer jacket PVC 17.0 mm overall diameter working temperature -20°C / +70°C

## audio cable

cond. construction stranded tinned copper, 7 x 0.20 mm

cond. cross section 0.22 mm<sup>2</sup> PE, red & blue insulation

core arrangement 2 cores twisted to a pair

shielding AL/PET foil + tinned stranded drain wire + tinned

copper braid (coverage 85%)

outer jacket PVC, black, numbered, Ø 4.5 mm

< 85 Ω/km conductor resistance capacitance 49 pF/m characteristic impedance 110 Ω

test voltage

cond./cond. 1200 V cond. / shield 500 V

## video cable inner conductor

solid bare copper, Ø 0.60 mm Foam-Skin PE, gas injected , Ø 2.85 mm insulation shielding AL/PET/AL double-layer foil + tinned copper braid (90% coverage)

PVC, green, Ø 4.5 mm outer iacket

characteristic impedance **75** Ω capacitance 59 pF/m 78 % velocity of propagation nom. attenuation [dB/100m]

1 MHz 5 MHz 2.8 10 MHz 3.8 100 MHz 10.7 200 MHz 14.9 500 MHz 24.0 1000 MHz 34.5

## power cable

conductor stranded bare copper, 30 x 0.25 mm

cond. cross section 1.5 mm<sup>2</sup> insulation PVC no. of cores

PVC, black, Ø 8,0 mm jacket conductor resistance < 13.5 O/km $> 0.01 \text{ M}\Omega \text{ x km}$ insulation resistance rated voltage 300/500 V test voltage 2000 V

order code	included cable types	cable color	weight kg/m
CV1A2PY	1x video + 2x audio + power	black	0.38



**KLOTZ AIS GmbH** 

