



hybrid cable - AVP

1 x video + 2 x audio + power 3 x 1.5 mm²

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

sale

PVC

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 mm².

hybrid

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

audio cable

cond. construction	stranded tinned copper, 7 x 0.20 mm
cond. cross section	0.22 mm ²
insulation	PE, red & blue
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
conductor resistance	< 85 Ω/km
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
insulation	Foam-Skin PE, gas injected, Ø 2.85 mm
shielding	AL/PET/AL double-layer foil + tinned copper braid (90% coverage)
outer jacket	PVC, green, Ø 4.5 mm
characteristic impedance	75 Ω
capacitance	59 pF/m
velocity of propagation	78 %
nom. attenuation [dB/100m]	
1 MHz	1.2
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 ²
insulation	PVC
no. of cores	3
jacket	PVC, black, Ø 8.0 mm
conductor resistance	< 13.5 Ω/km
insulation resistance	> 0,01 MΩ x km
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