



AV hybrid cable - 1 x video + 2 x digital audio

- video (HD-SDI, hybrid)
- digital audio, balanced (AES/EBU, 110 Ohm, AWG 24)
- ideal for fixed and temporary installations

sale **PVC**

Composite cables have become increasingly popular as a way of simplifying cable handling. Only one cable is needed, saving both time and money in installation. Offering the capability of transmitting both a video signal (e.g. digital SDI, analogue composite) and two audio channels, the CV1/D2 AV is the ideal choice of camera cable. With wave impedance of 110 Ohm, both audio lines are optimized for digital signals in compliance with AES/EBU specifications. Thanks to their low capacitance, they are ideal for analogue audio channels but can also be used for control signals. They feature ultra-low signal attenuation thanks to their strand cross-section of 0.22 mm². The cables are shielded by AL paired foil screens with drain wires. The flexible inner core of the video conductor is insulated by a physically foamed PE dielectric medium ensuring reflection-free and extremely low-attenuation signal transmission. A double shield (AL dual-composite foil and extra-densely braided copper) protects the cable from electromagnetic interference. The necessary flexibility is ensured by the sophisticated core twisting and soft PVC jacket of the cable.

hybrid

twisting	1 x video (V06L/28AF, stranded) + 2 x digital audio + tracers
taping	fleece
outer jacket	PVC
overall diameter	12.1 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
core arrangement	2 cores twisted to a pair
shielding	stranded tinned copper drain wire + AL/PVC foil
outer jacket	PVC, grey, brown, Ø 4.0 mm
conductor resistance	< 85 Ω/km
capacitance	47 pF/m
characteristic impedance	110 Ω
nom. attenuation [dB/100m]	
1 MHz	2.3
3 MHz	3.9
10 MHz	6.9

video cable

inner conductor	stranded bare copper, 7 x 0.20 mm
insulation	Foam-Skin PE, Ø 2.8 mm
shielding	AL/PET/AL double-layer foil + tinned copper braid (92% coverage)
outer jacket	PVC, green, red, Ø 4.5 mm
characteristic impedance	75 Ω ± 3%
capacitance	59 pF/m
velocity of propagation	80 %
nom. attenuation [dB/100m]	
1 MHz	1.4
3 MHz	2.4
5 MHz	3.0
10 MHz	4.2
50 MHz	8.8
100 MHz	12.1

order code	included cable types	cable color	weight kg/m
CV1D2Y	1x video + 2x digital audio	black	0.15

technical specifications are subject to change