



hybrid cable - AVP

5 x video + 3 x digital audio + power

- video (HD-SDI, YC, RGBHV, Composite)
- digital audio, balanced (AES/EBU, 110 Ohm)
- also for additional functions like DMX, serial remote control (RS422 / RS485) ect.
- power line 3 x 1.5 mm²
- ideal for fixed and temporary installations



PVC

This composite cable combines five video and three digital audio channels plus a three-strand power line. It is typically used for transmitting RGBHV signals but is also suitable for SDI, YC or composite video and can be used for applications such as video projectors and displays. If multiple devices are each connected with one of these cables, they can be powered from a single source in a star formation to minimize interference from the power supply. The five coaxial cables are made up of stranded bare copper wires each enclosed in physically foamed PE dielectric material and with double screening (AL foil and ultra-dense braided copper). The three balanced foil-shielded audio lines to AES/EBU standard are suitable for digital and analogue audio transmission and for control signals. The three power line strands each have a conductor cross-section of 1.5 mm² and are enclosed in an overall jacket.

hybrid

twisting	5x video + 3x digital audio + power core
taping	fleece
outer jacket	PVC
overall diameter	20.8 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	Foam-Skin PE
shielding	AL/PET foil + tinned stranded drain wire
outer jacket	PVC, black, 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, gas injected, Ø 2.85 mm
shielding	AL-PETP foil + tinned copper braid (coverage >90%)
no. of elements	5 (red, green, blue, black, white)
outer jacket	PVC, red, green, blue, black, Ø 4.5 mm
characteristic impedance	75 Ω
capacitance	60 pF/m
conductor resistance	82 Ω/km
shield resistance	14 Ω/km
nom. attenuation [dB/100m]	
1 MHz	1.8
5 MHz	4.1
10 MHz	5.8
100 MHz	16.6
200 MHz	23.6
500 MHz	38.2

power cable

conductor	stranded bare copper, 30 x 0.25 mm
insulation	PVC
no. of cores	3
jacket	PVC, black, Ø 8.3 mm
conductor resistance	< 13 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
CV5D3PY	5x video + 3x digital audio + power	black	0.49

technical specifications are subject to change