



hybrid cable - AVCP

8 x video + 4 x audio + 1 x control + power

- video (RGBHV, Y/C, Composite)
- balanced audio (2x 0.14 mm²)
- flexible 4-pair data- resp. control cable
- versions in PVC or FRNC



PVC

FRNC

This composite cable is typically used by installation or system integration companies for fixed installations. It can be used to provide simultaneous RGBHV, Y/C and CVBS connections, conduct four analogue audio channels, set up a data connection and deliver power. The cable contains eight video lines each protected by a densely braided tinned copper shield, in addition to a flexible foil-screened CAT5 patch cable with four pairs, four balanced audio connections, and two direct-current power lines each with a conductor cross-section of 0.75 mm². Overall protection against interference is provided by a densely braided tinned copper shield. The cable is available with either PVC or FRNC outer jacket - the latter made exclusively from flame-retardant halogen-free materials.

hybrid

twisting	8x video + 4x audio + 1x data cable + 2 cores for DC power supply
taping	polyester foil
shielding	tinned copper braid, 85% coverage
outer jacket	PVC or FRNC
overall diameter	17.0 mm

audio cable

cond. construction	stranded tinned copper, 18 x 0.10 mm
cond. cross section	0.14 mm ²
insulation	blue and white
shielding	tinned copper wires
conductor resistance	< 135 Ω/km
capacitance	69 pF/m
test voltage	
cond./cond.	1000 V
cond. / shield	500 V

video cable

inner conductor	solid bare copper wire, Ø 0.37 mm
insulation	gas injected, Ø 1,6 mm
shielding	tinned copper braid, 85% coverage
outer jacket	PVC resp. TPE-E(..H), red, green, blue, black, white, grey, yellow, violet, Ø 2,4 mm
characteristic impedance	75 Ω
capacitance	56 pF/m
attenuation [dB/100m]	
1 MHz	2.2
5 MHz	4.9
10 MHz	7.0
100 MHz	20.2

data cable

type	CAT5 patch UTP/S
conductor	tinned copper braid, 7 x 0.16 mm
insulation	colour code acc. to IEC708
core arrangement	4 pairs twisted
shielding	stranded tinned copper drain wire + AL/PET foil
outer jacket	PVC resp. FRNC(..H), Ø 8.3 mm
conductor resistance	< 135 Ω/km
capacitance	56 pF/m
characteristic impedance	100 Ω ± 15%
attenuation [dB/100m]	
10 MHz	9.0
100 MHz	29.5

DC power supply

cond. construction	stranded tinned copper, 42 x 0.15 mm
cond. cross section	0.75 mm ²
insulation	PVC resp. LSOH(..H), red and black
core diameter	2.4 mm
no. of cores	2
conductor resistance	23 Ω/km
test voltage	2000 V

order code	included cable types	outer jacket	outer Ø mm	cable color	weight kg/m
CV8A4DY	8x video + 4x audio + 1x data cable + 2 cores for DC power supply	FRNC	17.0	black	0.36
CV8A4DH	8x video + 4x audio + 1x data cable + 2 cores for DC power supply	PVC	17.0	black	0.4

technical specifications are subject to change