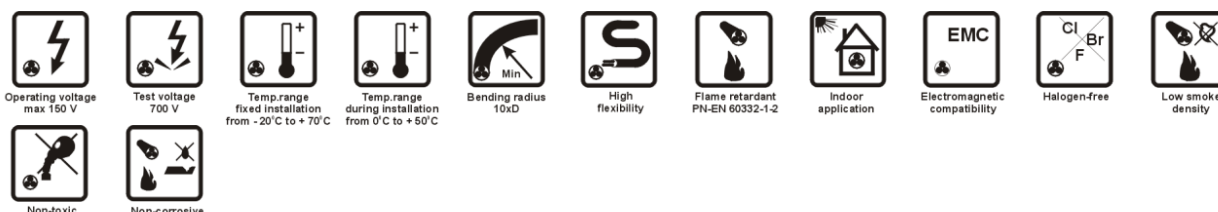


PPAV-01 5x0.45/2.0 75Ω

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PROFESSIONAL AUDIO-VIDEO CABLE



APPLICATIONS

Professional audio-video cable **PPAV-01 5x0.45/2.0** is intended for connection of computer video signal (RGB, vertical and horizontal sync signal) via interfaces and switches, for monitor displays and projectors.

It is also intended for AES/EBU digital audio signal's transmission and connection of DMX devices, for example: for lighting effects control.

The cable is designed to offer small weight and small outer diameter, combined with very good video signal parameters transmitted through the cable.

To achieve high analogue or digital data transmission performance the cable is protected against external electromagnetic interferences by an overall electrostatic shield.

Halogen free cable, applied when higher safety in case of fire is required. The cable is flame retardant, its smoke emission in fire is low and released gases are not corrosive.

The cables are suitable for indoor installations connecting fixed and movable equipment.

CONSTRUCTION

- flexible, multiwire conductors, stranded of tin-plated copper wires (7x0.15 mm),
- foam-skin polyethylene insulation,
- individual shield incorporating aluminium-polyester tape under copper wire lapping,
- sheath of shielded wires made of halogen free compound (HFFR),
- colours of sheath: yellow, blue, green, red, black,
- sheath diameter: 2.7 ± 0.1 mm,
- five mini-coaxial laid-up into cable core,
- overall electrostatic shield incorporating aluminium-polyester tape and stranded annealed tinned copper drain wire,
- cable sheath made of halogen free compound, grey RAL 7001, other colours also available.

CHARACTERISTICS

Characteristic impedance	$75 \pm 3 \Omega$	Corrosivity of emitted gases per	PN-EN 60754-1, PN-EN 60754-2,
Mutual capacitance at 1 kHz,	58 ± 3 nF/km	IEC 60754-2	
Operating voltage, max.	150 V	pH, appr.	6.8
Voltage test	700 V rms	conductivity, appr.	0.4 μ S/mm
DC conductor resistance at 20°C,		Smoke density	PN-EN 61034-2, IEC 61034-2
maximum	160 Ω /km	minimum light	
Velocity of propagation	78 %	transmittance	70 %
Operating temperature range		Minimum bending radius	10 x cable diameter
for fixed installation	from -20 to +70 °C	Cable combustibility	flame retardant
for movable installation	from 0 to +50 °C	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2

Attenuation loss, maximum

f	MHz	1	2	5	50	100	200	300
a	dB/100 m	1.5	3.0	4.2	12.1	19.0	26.2	44.3

CE = the cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Construction	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm	mm	kg/km	kg/km
0205 001	5x0.45/2.0	9.0	31.5	96

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.