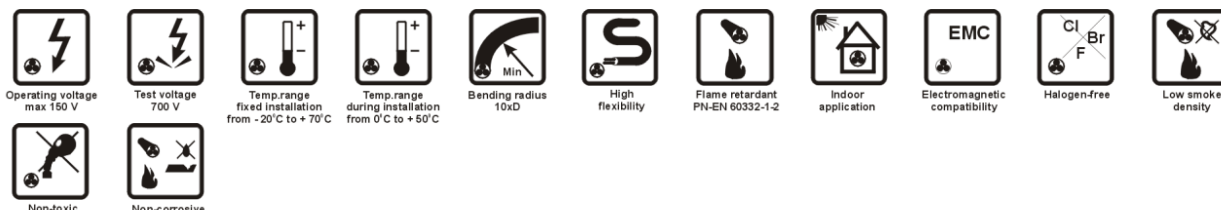


PPAV-06 3x0.45/2.0 75Ω

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PROFESSIONAL AUDIO-VIDEO CABLE



APPLICATIONS

Professional audio-video cable **PPAV-06 3x0.45/2.0** is intended for connection of computer video signal (RGB, vertical and horizontal sync signal) via interfaces and switches, for monitor displays and projectors.

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: red, green, blue,
- sheath diameter: 2.7 ± 0.1 mm,
- three 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	pH appr.	IEC 60754-2
Operating voltage, max.	150 V	conductivity appr.	6.8
Voltage test	700 V rms	Smoke density	0.4 µS/mm
DC conductor resistance at 20°C, maximum	160 Ω/km	minimum light transmittance	PN-EN 61034-2, IEC 61034-2
Velocity of propagation	78 %	Minimum bending radius	70 %
Operating temperature range for fixed installation	from -20 to +70 °C	Cable combustibility	10 cable diameter
for movable installation	from 0 to +50 °C	Combustibility tests	flame retardant
			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	kg/km	kg/km
0205 006	3x0.45/2.0	7.5	20	62

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