

PPAV-05 3x0.45/2.0+4x0.22c

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PROFESSIONAL AUDIO-VIDEO CABLE**APPLICATIONS**

Professional audio-video cable **PPAV-05 3x0.45/2.0+4x0.22c** is intended for connection of monitor displays, TV cameras and TVs.

Cable can also be used for connection of computer video signal (RGB 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.

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

CONSTRUCTION**Video wires (R,G,B) 0.45/2.0 mm**

- flexible, multiwire conductors, stranded of annealed tin-plated copper wires (7x0.15 mm),
- foam-skin polyethylene insulation, diameter 2.0 mm,
- 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,

Auxiliary wires (for control) 0.22c mm²

- flexible, multiwire conductors, stranded of annealed tin-plated copper wires (7x0.2 mm),
- PVC insulation – colours of insulation: white, brown, yellow, black,
- auxiliary wires diameter: 1.1 ± 0.1 mm,

Cable

- three video wires and four auxiliary wires laid-up into cable core,
- cable core wrapped in polyester tape,
- overall electrostatic shield incorporating aluminium-polyester tape and stranded annealed tinned copper drain wire,
- very soft PVC cable sheath, grey, other colours also available.

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CHARACTERISTICS

Conductor type		video wires 0.45/2.0 mm	auxiliary wires 0.22c mm ²
DC conductor resistance at 20°C, maximum	Ω/km	160	85
Insulation resistance, minimum	MΩ·km	100	10
Voltage test	V rms	700	1200
Mutual capacitance at 1 kHz, approximate	nF/km	58	-
Characteristic impedance	Ω	75 ± 3	-

Attenuation loss, video wires - 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

Operating temperature range
for fixed installation
for movable installation

from -20 to + 70 °C
from 0 to + 50 °C

Minimum bending radius
Cable combustibility
Combustibility tests

10 x cable diameter
flame retardant
PN-EN 60332-1-2; IEC 60332-1-2

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 003	3x0,45/2,0 + 4x0,22c	8.0	26.6	74

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