



DATA SHEET

3034437

UNITRONIC® VIDEO / AUDIO / NET BK

Valid from:
11.12.2008

Usage

The combi cable can be used as Audio, Video, BUS- and energy cable, e.g. for connection of light or power mixer, LAN- and NET application, DMX-Systems, Speaker, etc.

Perfect for studio, on stage for theatre or concert, also for public buildings. Usable indoor and outdoor.

Technical data

UNITRONIC® VIDEO / AUDIO / NET BK (3G2,5 C)Y + 5x0,6/2,9(RGB Coax AL C)+2x(2x0,14 AL D)Y

Make-up 3G2,5

Conductor	fine strands of plain copper wires (Class 5)
Insulation	PVC
Colour code	VDE 0293-308 with green/yellow
Twisting	in layer
Extra element	fleece tape
Screen	Copper braid, tinned
Sheath	PVC black
Diameter	approx. 8,1 mm

Make-up 5 x 0,6/2,8(RGB Coax AL C)

Conductor	solid plain conductor, approx. 0,61 mm
Dielectric	Cell-PE white, diameter: ca. 2,9 mm
Extra element	aluminium foil
Screen	Copper braid, tinned
Sheath	Soft-PVC coloured (BK, WH, BU, GN, RD)
Diameter	approx. 4,5 mm

Make-up 2x(2x0,14 AL D)Y

Conductor	copper wires, tinned, 7x0,16 mm
Insulation	PP
Colour code per pair:	WH/RD
Twisting	each 2 cores twisted as pair with short lay length
Extra element	Aluminium foil, tinned drain wire: 7x0,16 mm
Screen	layer of tinned copper wires, coverage: 100%
Sheath	PVC grey
Print	1. Element Number 1 black / 2. Element Number 2 black
Diameter	approx. 4,5 mm

Make-up overall

all elements twisted together
fleece tape
Outer sheath Soft-PVC black

Mechanical Data

Temperature range fixed installation: -25 up to +70° C max. core temperature

Minimum bending radius 10 x cable diameter for fixed installation

Flame retardance according IEC 60 332.1 / VDE 0482 Part 265-2-1



LAPP GROUP

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Valid from:
11.12.2008**Electrical Data**

Nominal voltage:	300/500V (NET)
Test voltage:	3 kV (NET)
Nominal capacity Audio: C/C	57 pF/m
Nominal capacity Video: C/C	55 pF/m
Nominal impedance:	100 Ohm (AUDIO)
Nominal impedance:	75 Ohm (VIDEO)

Damping (100m / +20 °C):

1,0 dB	1 MHz
3,2 dB	10 MHz
10,2 dB	100 MHz
15,3 dB	200 MHz
20,2 dB	270 MHz
26,0 dB	500 MHz
34,0 dB	800 MHz