



DATA SHEET	3035377
UNITRONIC® LIGHT NET BK	Valid from: 11.12.2008

Usage

The combi cables can be used in many application, e.g. for Light- and Power-Mixer or DMX / Audio signal transmission.

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

Technical Data

Valid for UNITRONIC LIGHT NET BK

(3035377, 3035010, 3035429, 3035154, 3035155, 3035156, 3035157, 3035161, 3035162, 3035163, 3035164, 3035014)

Make-up (NET)

Core	plain copper strands (Class 5)
Insulation	Soft-PVC
Colour code	VDE 0293-308 with green/yellow
Twisting	in layers
Extra element	fleece tape
Screen	tinned copper braid, coverage min. 85 %
Sheath	Soft-PVC, black

Make-up (LIGHT or DMX/Audio)

Core	plain copper strands, 7x0,20 mm (at 0,25 mm ²) and 7x0,16 mm (at 0,14 mm ²)
Insulation	O2Y(S) Cell-PE
Colour code per pair	WH/RD
Twisting	per 2 cores twisted for pairs in short lay length
Extra element	aluminium foil
Screen	layer of tinned copper wires, coverage min. 85%
Sheath	PVC, black
Print	1. Element Number 1 white / 2. Element Number 2 / etc.
Diameter	approx. 3,5 mm per element

Make-up overall	all elements twisted together Outer sheath made of Soft-PVC black
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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

Electrical data

Nominal voltage NET: 300/500 V

Test voltage NET: 3 kV

Elaborated by: SBU Rainer Mebus	Document: DB3035377EN	Page 1 of 1
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