

Load Cable 300/500V and 600/1000V



Photo : Ralph@lamann.com

Quality in event technique

Quality is also very important for the event systems. As of now, we are offering two load cables to guarantee that the lights perform perfectly during the entire show. The extremely flexible load cables U₀/U 300/500 V and load cables U₀/U 600/1000 V are used for common mechanical demands for professional stage light systems and other electrical load circuits from 500 V to 1000 V. The flexibility is achieved by very fine wire stranding design with 0.15 mm flexible strands. The core and sheath insulation are made of cold-flexible PVC; this is also available as a customized product.

Part No.	U ₀ /U	No. cores x cross-sec.	Outer Ø app. mm	Cond. make-up mm
400150	600/1000	18G2,5	22,6	140x0,15
400149	600/1000	14G2,5	20,0	140x0,15
400148	600/1000	18G1,5	20,2	84x0,15
400147	600/1000	14G1,5	17,7	84x0,15
400146	300/500	18G2,5	19,0	140x0,15
400145	300/500	14G2,5	16,6	140x0,15
400144	300/500	18G1,5	15,2	84x,015
400143	300/500	14G1,5	13,4	84x0,15

Dimensions and specifications may be changed without prior notice.

Technical Data

- **Temperature range**
fixed installation: -40°C up to +80°C
flexing -20°C up to +80°C
- **Minimum bending radius**
fixed installation: 5x outer-Ø
flexing: 8x outer-Ø

Cable structure

- Bare copper, fine wire conductors
- Core insulation: PVC flexible at low temperature
- Core colour: black with figure imprint + green-yellow
- Outer sheath: PVC flexible at low temperature



HELUSOUND® DMX+POWER 1x2x0,25 + 3G1,5

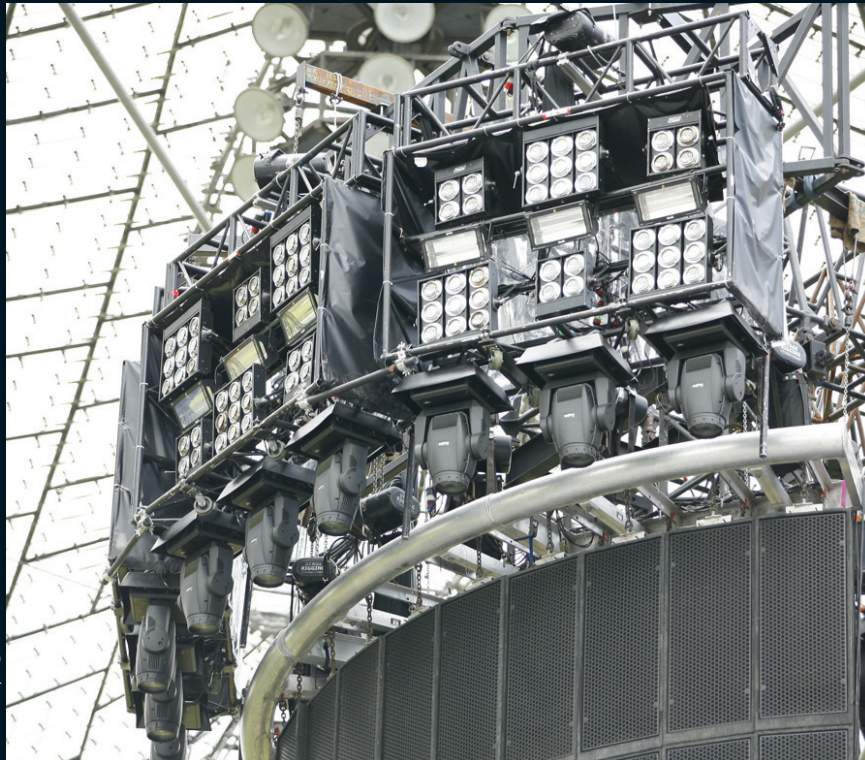


Photo : Ralph@Larmann.com

The cable for a perfect show

It is not possible to make a breathtaking lightshow without cabling of light technology providing control signals and electricity to, for example, moving heads. The **HELUSOUND® DMX+POWER** hybrid cable combines a shielded light control wire and the power supply wire. The DMX cable, which is shielded by a tin-coated copper braiding is perfectly suited for the control of light systems and mixing boards (110 Ohm characteristic intrinsic impedance). It highlights a soft PVC insulation and it is qualified for the use at indoor and outdoor installations. The DMX cable can also be used for the transmission of audio signals such as a microphone wire or as a power supply wire for active loudspeaker systems.

Technical Data

- **Temperature range**
fixed installation: -30°C up to +70°C
flexing -20°C up to +70°C
- **Minimum bending radius**
fixed installation: 5x outer-Ø
flexing: 10x outer-Ø

Cable structure

- DMX element und power cable stranded with filler
- Core wrapping with fleece foil
- Outer sheath PVC soft, black RAL 9005
- Outer Ø app. 13,2 mm

DMX element

- Bare copper app. 14x0,15 mm
- Core insulation: Foam-Skin-PE
- Core colour: red, white
- 2 cores stranded with textile filler
- Stranded wrapping (fleece-foil)
- Braided screen of tinned copper, coverage approx. 85% among tinned copper filler 7x0,203 mm
- Inner sheath: PVC soft, black RAL 9005
- Inner sheath Ø: app. 4,0 mm
- Intrinsic impedance: 110 Ohm

Power element

- Bare copper app. 48x0,20 mm
- Core insulation: PVC
- Core colour: blue, brown, green/yellow
- 3 cores optimal stranded, talcum
- Inner sheath PVC, black RAL 9005
- Inner sheath Ø: app. 6,7 mm

Conductor construction:

1x2x0,25 + 3G1,5

Part No. 400151

Dimensions and specifications may be changed without prior notice.

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