



## **NEW!** SOMMER CABLE - SC-MONOLITH POWER DMX 1 COMPACT

⊗ STAGE
⊗ MOBILE
⊗ STUDIO
⊗ Installation

ANALOG
DIGITAL
OFC

### *When the lights start to dance...*

the show begins! There also is a lot of technology behind this performance, SOMMER Cables play a great role here! The power for the lights and the control signals for the movement must be transmitted through the cables.

Both are paired in a robust cable jacket, providing the input for the light mixing board and other DMX 512-dependent control units.

The SC-MONOLITH POWER/DMX holds one power cable 3 x 1.5 mm<sup>2</sup> and one (SC-MONOLITH 1), two (SC-MONOLITH 2) or four (SC-MONOLITH 4) DMX 512-cables.

The SC-MONOLITH 4 has two DMX-cables available for transmission of intercom signals. Each DMX-wire pair is shielded with a tin-plated copper spiral and both wire pairs are numbered for better identification. The SC-MONOLITH 8 is designed for large events and holds 8 cables with return channels (8 x 4 x 0.20 mm).

The power cable is designed in compliance with VDE and has its own jacket for added safety.

The AES/EBU-cable can also be used as a microphone cable or as an infeed cable for active speaker systems.

HV-type with 3 x 2.5 mm<sup>2</sup> power cable!

Cable includes power, DMX and CAT, see next page.

#### THE ADVANTAGES:

- Parallel controls for light mixing boards via power line and DMX-signal via cable
- Very flexible and enormously treadable due to a jacket made of cotton and viscose
- Very good paired shielding of the DMX-cables due to tin-plated copper spiral shielding

#### THE APPLICATION:

- Controls for DMX-light mixing board (surge impedance of 110 Ohm)
- Analog + digital audio multipair with power supply

#### TECHNICAL DATA:

Construction	[(3LIY 1,5mm <sup>2</sup> )Y+xx(2LI2Y 0,25mm <sup>2</sup> )DY]VLY
Power infeed	3 x 1,5 mm <sup>2</sup>
Jacket, diameter, total	PVC 10,5 mm
AWG	23
No. of inner conductors	1 x 2 x 0,25 mm <sup>2</sup>
Diameter power infeed	single wire mm
Diameter DMX cable	3,8 mm
Copper strand per conductor	(DMX) 7 x 0,20 mm
Shielding (data)	cross mesh, tin-plated
Shielding factor (audio)	90 %

Temperature range	min. -30 °C
Temperature range	max. 70 °C
Fire load per m	0,54 kWh
Weight per 1 m	190 g
Jacket color	black
Packaging	per m

**ELECTRICAL DATA:**

Capac. cond./cond. per 1 m	52 pF
Capac. cond./shield. per 1 m	89 pF
Cond. resistance per 1 km	< 80 Ohm
Insulat. resistance per 1 km	> 20 MOhm
Surge impedance, data	(+/- 5 %) 110 Ohm

**ORDER DATA:**

Order No.	502-0051-1
Rec. price	on request

