



### hybrid cables - 1 x digital 110 Ohm + power 1.5 mm<sup>2</sup> / 2.5 mm<sup>2</sup>

- 1 signal cable (DMX, digital and analog audio)
- power cable 3x 1.5 mm<sup>2</sup> (HDO1P15) resp. 3x 2.5 mm<sup>2</sup> (HDO1P25)
- max. cable length on drums acc. to VDE 0620 part 300:  
60 m (3x 1.5 mm<sup>2</sup>) resp. 100 m (3x 2,5 mm<sup>2</sup>)
- suitable for splicing with e.g. powerCON and XLR connectors

## PVC

Suitable for cabling of active speakers or dimmers, colour changers and scanners. This hybrid cable can be used to transmit the audio or light control signal and the required power supply using just one cable. With a characteristic impedance of 110 ohm the signal cable with its double shielding is equally suitable for transmitting analog audio signals and digital AES/EBU and DMX signals.

### hybrid

twisting	1 signal cable + 1 power cable + tracers
taping	fleece
outer jacket	PVC
working temperature	-20°C / +70°C

### audio cable

cond. construction	stranded tinned copper, 7 x 0.20 mm
cond. cross section	0.22 mm <sup>2</sup>
insulation	Foam-Skin PE
shielding	AL/PET foil + tinned stranded drain wire + tinned copper braid (coverage 85%)
outer jacket	PVC, Ø 4.5 mm, black
conductor resistance	< 85 Ω/km
capacitance	47 pF/m
characteristic impedance	110 Ω
attenuation [dB/100m]	
1 MHz	2.3
3 MHz	3.9
10 MHz	6.9

### power cable

conductor	stranded bare copper, fine-wired acc. to IEC 60228, class 5
cond. cross section	3x 1.5 mm <sup>2</sup> resp. 3x 2.5 mm <sup>2</sup>
insulation	PVC
no. of cores	3
jacket	PVC, Ø 8.3/10.2 mm, black
conductor resistance	12.5 Ω/km resp. 7.5 Ω/km
insulation resistance	> 0.01 MΩ x km
rated voltage	300/500 V
test voltage	2000 V

order code	cond. cross section mm <sup>2</sup>	outer Ø mm	colour	weight kg
HDO1P15	1.5	15.4	black	0,282
HDO1P25	2.5	17.8	black	0,378

technical specifications are subject to change