



### hybrid cables, compact - 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)
- 3 power cores x 1.5 mm<sup>2</sup> (HDO1P15-1) resp. 3 x 2.5 mm<sup>2</sup> (HDO1P25-1)
- 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>)

## PVC

If a shared connector is used for the power supply and required signal, separate sheathing of the three power conductors is not necessary. This shortens the work time and also reduces the outer diameter of the cable at the same time. Double shielding consisting of dense braiding with aluminium foil underneath protects the signal line from electromagnetic interference from the power cable.

### hybrid

twisting	1 signal cable + 3 power cores + 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 core

conductor	stranded bare copper, fine-wired acc. to DIN VDE 0295 / IEC 60228, class 5
cond. cross section	3x 1.5 mm <sup>2</sup> resp. 3x 2.5 mm <sup>2</sup>
colours	blue, brown, yellow-green
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/m]
HDO1PC15	1.5	11.5	black	0.17
HDO1PC25	2.5	13.3	black	0,215

technical specifications are subject to change