

## UL 1185 PVC shielded wire



Marking for SL 801 C 08010407:

FORT · D-VIERSEN · SL 801 C 4 x 0,75 mm<sup>2</sup> + 2 x (2 x 0,34 mm<sup>2</sup>)

DESINA CE

### Construction:

Conductor:	tinned or bare copper
Insulation:	pvc
Colour code:	black cores with consecutive numbers acc. to EN 50334; (except 0,34 mm <sup>2</sup> = coloured) and a green-yellow earth wire
from item no. 08011415:	supply cores: U1, V2, W3 and a green-yellow earth wire control cores: BR1 and BR2
jacket::	color coded PVC
Wrapping:	Spiral wrap tinned copper
Screen:	tinned copper braiding
Wrapping:	non-woven tape
Sheath material:	PUR, TMPU acc. to DIN VDE 0282 part 10 + HD 22.10 with mat surface
Sheath colour:	orange (RAL 2003)

### Technical data:

Nominal voltage:	300V
Testing voltage U:	supply cores 400 V
Min. bending radius	
fixed laying:	5 x d
flexible application:	10 x d
continuously flexible:	12 x d
Radiation resistance:	5x10 <sup>7</sup> cJ/kg
Temperature range	
fixed laying:	-50/+90 °C
flexible application:	-40/+90 °C
Oil resistance:	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
Chem. resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.
Weather resistance:	very good
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/14

C  
10

### Outstanding features:

- very good EMC characteristics
- long service life
- adhesion-free installation
- high flexibility
- halogen-free
- labs uncritical  
(labs = enamel moisturing interfering substances)
- flexible at low temperatures
- DESINA® colours (see page C/4)



UL1185 PVC shielded wire for recording studios, sound systems and electronic circuit.

Conductor		Insulation		pitch		Jacket		Packing	
AWG	Conductor construction (NO.Ø mm)	Diameter (mm)	Insulation Thickness (mm)	Diameter (mm)	NO.Ø mm	Diameter (mm)	min .avg Thickness (mm)	Over Diameter (mm)	Mt/coils
30	7/0.103	0.30	0.38	1.06	37/0.10	1.36	0.38	2.11	610
28	7/ 0.127	0.37	0.38	1.13	39/0.10	1.40	0.38	2.16	610
26	7/0.160	0.49	0.38	1.25	42/0.10	1.55	0.38	2.32	610
24	11/ 0.160	0.61	0.38	1.37	47/0.10	1.67	0.38	2.43	610
22	17/ 0.160	0.76	0.38	1.52	52/0.10	1.85	0.38	2.61	610
20	21/ 0.180	0.95	0.38	1.71	57/0.10	2.02	0.38	2.78	610
18	34/ 0.180	1.21	0.38	1.97	65/0.10	2.15	0.38	2.91	305
16	26/ 0.254	1.50	0.38	2.27	65/0.12	2.63	0.38	3.39	305

Other dimensions and colours are possible on request.

