


U.I. Lapp GmbH	PRODUCT INFORMATION	
	LiYCY	12.09.2012

Screened, PVC-based wiring single core
Prevention of electromagnetic interference to other components



Application range

Wiring of measuring instruments, switch cabinets, electrical components, transmitters and receivers
In EMC-sensitive environments

Design

Strands of tinned-copper wires
Core insulation: Based on PVC
Tinned-copper braiding
PVC-based outer sheath, transparent

Product features

Flame-retardant according to IEC 60332-1-2

Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil

Photographs are not to scale and do not represent detailed images of the respective products.

Technical Data

Peak operating voltage:	350 V (not for power transmission)
Based on:	VDE 0812
Specific insulation resistance:	10 GOhm x cm
Test voltage:	800 V
Temperature range:	Occasional flexing: -5°C to +70°C Fixed installation: -30°C to +80°C

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Part number	Conductor cross-section in AWG	Number of wires x wire-Ø (mm)	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
4530101	0,14	18 x 0,1	2.6	7.0	13
4530102	0,25	14 x 0,15	3.1	9.0	18
4530103	0,5	16 x 0,2	3.4	15.0	20
4530104	0,75	24 x 0,2	3.7	18.0	31
4530105	1	32 x 0,2	4.5	25.0	35.92
4530106	1,5	30 x 0,25	4.9	30.0	39
4530107	2,5	50 x 0,25	5.8	35.0	55.3