

Technical data

- PVC single cores to DIN VDE 0812
LiY (tinned)
- **Temperature range**
flexing -5°C to +70°C
fixed installation -30°C to +80°C
- **Operating peak voltage**
LiY (tinned) 0,14 mm² = 500 V
0,25–1,50 mm² = 900 V
- **Test voltage**
LiY (tinned) 0,14 mm² = 1200 V
0,25–1,50 mm² = 2500 V
- **Insulation resistance**
min. 10 MΩ x km
- **Minimum bending radius**
12,5 x cable Ø
- **Radiation resistance**
up to 80 x 10⁶ cJ/kg (up to 80 Mrad)

Cable structure

- Tinned copper fine wire stranded to DIN VDE 0295 cl. 5, HD 383 and IEC 60228 cl. 5
- PVC core insulation, compound YI3 to DIN VDE 0812
- Core colours see below
- PVC self-extinguishing and flame retardant, test method B according to VDE 0472 part 804 and IEC 60332-1
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Application

LiY to DIN VDE 0812,
flexible hook-up wire of PVC.
PVC insulated flexible hook-up wires are used for the connection for low voltage applications, communication apparatus, electronic assemblies and equipment, racks, switchboards etc. correspondingly of VDE 0800 part 1 for the temperature range up to +70°C.
Those stranded hook-up wires are not permitted to install for heavy current application outside of the equipment.

D

CE = The product is conformed with the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.

Type	max- Cross- sec. mm ²	max- Ø mm	Cop. weight kg/km	black	gn-ye	blue	brown	red	white	grey	violet	green	pink	green	trans.	dk-blue	orange	o.col.	twin tone**
approx.				9005	6018/	5015	8003	3000	1013	7000	4005	1021	3015	6018	-	5010	2003	-	-
RAL					1021														



Coil in cardboard (100 m)

Packing

LiY/mm ²			29001	29002	29003	29004	29005	29006	29007	29008	29009	29010	29011	29012	29013	29014	29015	29016
0,14			1,2	1,4														
0,25			1,4	2,4														
0,5			1,95	4,8														
0,75			2,15	7,2														
1			2,25	9,6														
1,5			2,75	14,4														



Spool (with different capacity)

Packing

LiY/mm ²			26405	26406	26407	26408	26409	26410	26411	26412	26413	26414	26415	26416	26417	26418	26419	26420
0,14			1,2	1,4														
0,25			1,4	2,4														
0,5			1,95	4,8														
0,75			2,15	7,2														
1			2,25	9,6														
1,5			2,75	14,4														

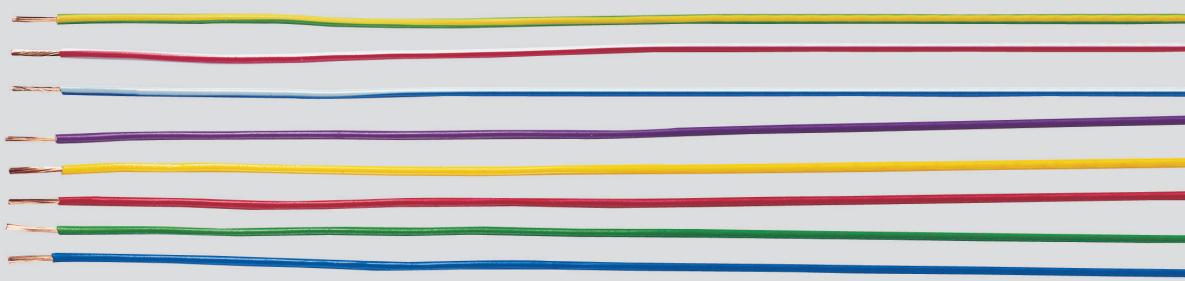
**) Note

AWG equivalent values – see page T 15.

Continuation ►

Heat resistant versions see types HELUTHERM®. Colours available on request.

PVC cables will be changed to lead free PVC successively.



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approx.			9005	6018/	5015	8003	3000	1013	7000	4005	1021	3015	6018	-	5010	2003	-	-
RAL				1021														



Barrel (with different capacity – see page D 8)

Packing		Barrel (with different capacity – see page D 8)																
LiY/mm ²																		
Part No.			26505	26506	26507	26508	26509	26510	26511	26512	26513	26514	26515	26516	26517	26518	26519	26520
0,25	1,4	2,4																
Part No.			26521	26522	26523	26524	26525	26526	26527	26528	26529	26530	26531	26532	26533	26534	26535	26536
0,5	1,95	4,8																
Part No.			26537	26538	26539	26540	26541	26542	26543	26544	26545	26546	26547	26548	26549	26550	26551	26552
0,75	2,15	7,2																
Part No.			26553	26554	26555	26556	26557	26558	26559	26560	26561	26562	26563	26564	26565	26566	26567	26568
1	2,25	9,6																
Part No.			26569	26570	26571	26572	26573	26574	26575	26576	26577	26578	26579	26580	26581	26582	26583	26584
1,5	2,75	14,4																

Note

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