LiYv

PVC single core, finely stranded, tinned

TECHNICAL DATA

PVC single core in alignment with DIN VDE 0812

Temperature range	flexible +5°C to +70°C fixed -30°C to +70°C
Peak operating voltage	0.14 mm²: 500 V 0.25 - 1.5 mm²: 900 V (not for high power current installation purposes)
Test voltage	0.14 mm²: 1200 V 0.25 - 1.5 mm²: 2500 V
Minimum bending radius	fixed 4x Outer-Ø

CABLE STRUCTURE

- Copper wire tinned, 0.5 - 1.5 mm²: finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
- Wire structure:
  0.14 mm²: approx. 18 x 0.10 mm
  0.25 mm²: approx. 14 x 0.15 mm
- Core insulation: PVC acc. to DIN VDE 0812
- Core identification: see table

PROPERTIES

- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2

APPLICATION

PVC insulated, flexible hook-up wire for the wiring of low-voltage systems, telecommunication devices and electronic modules within devices, racks and switchboards; not permitted for heavy current installations outside of appliances.

NOTES

- the conductor is metrically (mm²) constructed, AWG numbers are approximated, and are for reference only

Spool (100m)

Cross-sec. mm²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	black (RAL 9005) Part no.	green-yellow Part no.	blue (RAL 5015) Part no.	brown (RAL 8003) Part no.	red (RAL 3000) Part no.	grey (RAL 7000) Part no.	white (RAL 9010) Part no.	purple (RAL 4005) Part no.	yellow (RAL 1021) Part no.
0.14	26	1.1	1.4	**26405**	**26406**	**26407**	**26408**	**26409**	**26411**	**26410**	**26412**	**26413**
0.25	24	1.3	2.4	**26421**	**26422**	**26423**	**26424**	**26425**	**26427**	**26426**	**26428**	**26429**
0.5	20	1.8	4.8	**26437**	**26438**	**26439**	**26440**	**26441**	**26443**	**26442**	**26444**	**26445**
0.75	19	2.0	7.2	**26453**	**26454**	**26455**	**26456**	**26457**	**26459**	**26458**	**26460**	**26461**
1	18	2.4	9.6	**26469**	**26470**	**26471**	**26472**	**26473**	**26475**	**26474**	**26476**	**26477**
1.5	16	2.6	14.4	**26485**	**26486**	**26487**	**26488**	**26489**	**26491**	**26490**	**26492**	**26493**

Cross-sec. mm²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	orange (RAL 2003) Part no.	green (RAL 6018) Part no.	dark blue (RAL 5010) Part no.	pink (RAL 3015) Part no.	transparent Part no.
0.14	26	1.1	1.4	**26418**	**26415**	**26417**	**26414**	**26416**
0.25	24	1.3	2.4	**26434**	**26431**	**26433**	**26430**	**26432**
0.5	20	1.8	4.8	**26450**	**26447**	**26449**	**26446**	**26448**
0.75	19	2.0	7.2	**26466**	**26463**	**26465**	**26462**	**26464**
1	18	2.4	9.6	**26482**	**26479**	**26481**	**26478**	**26480**
1.5	16	2.6	14.4	**26498**	**26495**	**26497**	**26494**	**26496**

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