

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 mm ² : 500 V 0.25 - 1.5 mm ² : 900 V (not for high power current installation purposes)
Test voltage	0.14 mm ² : 1200 V 0.25 - 1.5 mm ² : 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 0.1 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
- certifications and approvals:
EAC

■ 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. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	black (RAL 9005)	green-yellow	blue (RAL 5015)	brown (RAL 8003)	red (RAL 3000)	white (RAL 9010)	grey (RAL 7000)	violet (RAL 4005)	yellow (RAL 1021)
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	
0.14	26	1.1	1.4	26405	26406	26407	26408	26409	26410	26411	26412	26413
0.25	24	1.3	2.4	26421	26422	26423	26424	26425	26426	26427	26428	26429
0.5	20	1.8	4.8	26437	26438	26439	26440	26441	26442	26443	26444	26445
0.75	19	2.0	7.2	26453	26454	26455	26456	26457	26458	26459	26460	26461
1	18	2.4	9.6	26469	26470	26471	26472	26473	26474	26475	26476	26477
1.5	16	2.6	14.4	26485	26486	26487	26488	26489	26490	26491	26492	26493

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	orange (RAL 2003)	green (RAL 6018)	dark blue (RAL 5010)	pink (RAL 3015)	transparent
				Part no.	Part no.	Part no.	Part no.	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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Barrel

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	black (RAL 9005)	green-yellow	blue (RAL 5015)	brown (RAL 8003)	red (RAL 3000)	white (RAL 9010)	grey (RAL 7000)	violet (RAL 4005)	yellow (RAL 1021)
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	
0.25	24	1.3	2.4	26505	26506	26507	26508	26509	26510	26511	26512	26513
0.5	20	1.8	4.8	26521	26522	26523	26524	26525	26526	26527	26528	26529
0.75	19	2.0	7.2	26537	26538	26539	26540	26541	26542	26543	26544	26545
1	18	2.4	9.6	26553	26554	26555	26556	26557	26558	26559	26560	26561
1.5	16	2.6	14.4	26569	26570	26571	26572	26573	26574	26575	26576	26577

Cross-sec. mm ²	AWG, approx.	Outer Ø mm, approx.	Cu-weight kg/km	orange (RAL 2003)	green (RAL 6018)	dark blue (RAL 5010)	pink (RAL 3015)	transparent
				Part no.	Part no.	Part no.	Part no.	Part no.
0.25	24	1.3	2.4	26518	26515	26517	26514	26516
0.5	20	1.8	4.8	26534	26531	26533	26530	26532
0.75	19	2.0	7.2	26550	26547	26549	26546	26548
1	18	2.4	9.6	26566	26563	26565	26562	26564
1.5	16	2.6	14.4	26582	26579	26581	26578	26580