

LiYW VDE single-core +105 Deg C.



LiYW is a 105 Deg. C. flexible VDE approved PVC hook-up wire with increased heat resistance. LiYW is recommended for the connection of low voltage applications, communications apparatus, electronic assemblies, equipment, racks and switchboards. These cables are also suitable for inside wiring of electrical equipments such as lighting and heating apparatus.



Construction:

- Bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 CI-5
- Special heat-resistant core insulation
- Cores to VDE-0293 colors on chart

Technical:

- Working voltage: 300/500 volts
- Test voltage: 2000 volts
- Flexing bending radius: 12.5 x Ø
- Static bending radius: 12.5 x Ø
- Flexing temp: +5° C to +105° C
- Static temp: -10° C to +105° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0281 Part-7
- adapted to H05V2-K specs
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
26 AWG (18/38) 0,14mm2 33626**	1	.039" / 1.0mm	1	2
24 AWG (14/34) 0,25mm2 33624**	1	.051" / 1.3mm	2	3
22 AWG (19/34) 0,34mm2 33622**	1	.055" / 1.4mm	3	4
20 AWG (16/32) 0,50mm2 33620**	1	.071" / 1.8mm	4	5

Color Code Chart

- 00 - Green/Yellow
- 01 - Black
- 02 - Blue (RAL5015)
- 03 - Brown
- 04 - Red
- 05 - White
- 06 - Gray
- 07 - Violet
- 14 - Dark Blue (RAL5010)

Insert a 2-digit color code from the Color Code Chart for the ** found at the end of the proper part number. i.e. - 3362404 - LiYW, 24 AWG (0,25mm2) Red

** For sizes larger than 20 AWG (0,50mm2) please see our H05V2-K / H07V2-K (303) Series.

* Additional AWG sizes & colors may be available.