



LiYW

Application and Description

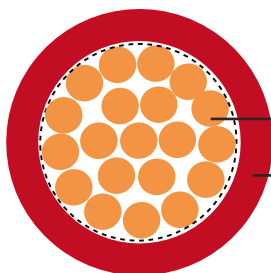
These thermal insulated wires are ideal for use in power current installation, switch cabinets, motors and transformers which are subject to direct contact with high temperature (e.g. varnishing machines and drying towers etc.). These are also suitable for inside wiring of electrical equipments such as lighting and heating apparatus.

Standard and Approval

VDE-0281-7, CE Low Voltage Directive 73/23/EEC and 93/68/EEC, ROHS compliant

Cable Construction

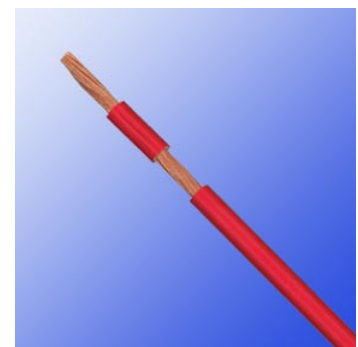
- Bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5, BS 6360 cl. 5 and HD 383
- Special heat-resistant PVC core insulation
- Cores identification to VDE-0293



Bare copper conductor

PVC insulation

LiYW



LiYW



Technical Characteristics

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

Cable Parameter

AWG	No. of Cores x Nominal Cross Sectional Area # x mm ²	Nominal Overall Diameter mm	Nominal Copper Weight kg/km	Nominal Cable Weight kg/km
26(18/38)	1 x 0.14	1.0	1.4	3.2
24(14/34)	1 x 0.25	1.3	2.4	4.3
22(19/34)	1 x 0.34	1.4	3.6	5.3
20(16/32)	1 x 0.50	1.8	4.8	7.2