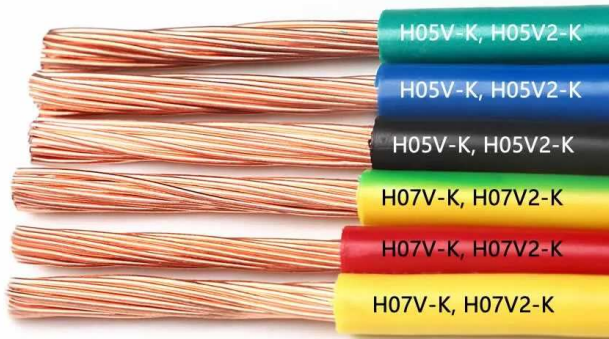


H05V-K, H05V2-K, H07V-K, H07V2-K, PVC Insulated Single Core Flexible Cords



Europe VDE PVC Power Cables

These four are the single core panel wires: H05V-K and H05V2-K at 300/500V, H07V-K and H07V2-K at 450/750V, all built to EN 50525-2-31, the standard that replaced DIN VDE 0281-3 and 0281-7. The designation reads in three parts. The 05 or 07 sets the voltage class. The V marks PVC insulation, and the second V2 marks a heat resistant PVC compound good for 90°C instead of the 70°C of the plain V grade. The -K at the end is class 5 finely stranded copper, which is why the wire bends inside a panel without springing back; a -U would be a single solid strand and a -R a coarser class 2 stranding. There is no sheath on any of them, so they go inside enclosures, trunking and conduit, never clipped to a wall in the open and never used as a trailing lead. H05V-K and H05V2-K cover 0.5 mm², 0.75 mm² and 1.0 mm², with 1.5 mm² and 2.5 mm² also made in the 300/500V block for control circuits. H07V-K and H07V2-K start at 1.5 mm² and go up to 240 mm², which is where switchgear, motor starters, relay and instrument panels and rectifier wiring live. The V2 grades turn up wherever a panel runs warm: drive enclosures, lighting gear, heater controls, machine tools. Both grades carry VDE approval, the same constructions are CCC certified as 60227 IEC 06 (RV) and 60227 IEC 08 (RV-90) for the Chinese market, and the conductor is available bare or tinned. Colours follow HD 308 S2, and cut lengths, ferrules and printed markers can be added on request.

Our H05V-K, H05V2-K, H07V-K, H07V2-K Power Cable products are fully molded with a low profile ergonomic design and RoHS, REACH and PAHS compliant.

Specifications

Label	Value
Plug Cables Standard:	EN 50525-2-31; DIN VDE 0281-3 (HD 21.3); DIN VDE 0281-7 (HD 21.7); GB/T 5023.3
Number of Wires	1 core
Rated Voltage:	300/500V (H05V-K, H05V2-K), 450/750V (H07V-K, H07V2-K)
Rated Temperature:	70°C (V-K), 90°C (V2-K)
Copper Conductor Material:	Oxygen free Copper (OFCU)
Outer Jacket Material:	PVC, Rubber, Halogen-Free, Textile braid
Blade Material:	Nickel coated Brass
Flamability Rating:	UL 94V-0

