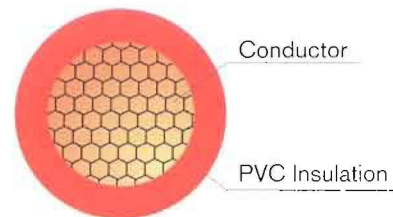


Flex Single Core

Stranded Copper Conductor PVC Insulated, 450/750 V

For indoor fixed installation in protected location, lighting, power wirings and home appliances

Type	: Cu/PVC
Code	: H07V-K & H05V-K [BS 6004] 60227 IEC 02 & 60227 IEC 06 [IEC 60887]
Standards	: IEC 60227 and BS 6004
Nominal Voltage	: 300/500 V & 450/750 Volt
Conductor	: Soft annealed flexible wires complying with Class 5 as per IEC 60228 & BS EN 50363-3
Insulation	: PVC compound complying with PVC/C as per IEC and Type T11 as per BS EN 50363-3
Temperature Range	: up to 70°C
Core Identification	: Blue, Red, Black, Yellow, Green/Yellow, Brown, Grey, White and others
Packing	: Plastic spools-coils or shrink wrap or non returnable wood drums as per customer requirement



Technical Table

Nominal Cross Section	Conductor Number x wire diameter	Conductor Outer Diameter (Approx)	Nominal Insulation Thickness	Overall Diameter (Approx)	Cable Weight (Approx)	Max. DC Resistance at 20 °C
mm ²	mm	mm	mm	mm	kg/Km	Ω/Km
300/500 V						
1 x 0.5	18 x 0.19	0.95	0.6	2.15	10	39
1 x 0.75	27 x 0.19	1.17	0.6	2.37	13	26
1 x 1.0	36 x 0.19	1.33	0.6	2.53	16	19.5
450/750 V						
1 x 1.5	48 x 0.20	1.63	0.7	3.03	22	13.3
1 x 2.5	48 x 0.26	2.12	0.8	3.72	35	7.98
1 x 4	48 x 0.32	2.61	0.8	4.21	50	4.95
1 x 6	72 x 0.32	3.26	0.8	4.86	71	3.30
1 x 10	128 x 0.32	4.35	1.0	6.35	125	1.91
1 x 16	192 x 0.33	5.49	1.0	7.49	191	1.21
1 x 25	432 x 0.28	6.99	1.2	9.39	309	0.780
1 x 35	432 x 0.33	8.24	1.2	10.64	418	0.554

Note: Heat resisting cables for installation with PVC insulation complying with T1 3 as per BS 6004 are also available.

Note: Low smoke cables are also available and complying with BS 7211