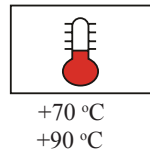




These wires are used in internal wiring for power and lighting and are manufactured in acc. with BS 6004 (1995) Table 1.A Similar to IEC (227) 01 and VDE Standard type NYA

Solid conductor (class 1): H07V-U
 Stranded conductor (class 2) : H07V-R

Conductor	Plain annealed copper conductor class 1 (re) or class 2 (rm)
Insulation	(70°C) PVC insulation type TI 1 / PVC type C
	(90°C) PVC insulation PVC type E



450/750 V (60227 IEC 02) Max.Conductor Temperature 70°C

Wire Size Conductor / Insulated Wire Dia	Insulation Thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	Kg/Km	meter
1.5 re	0.7	2.8	20	100
1.5 rm	0.7	3.0	22	100
2.5 re	0.8	3.4	31	100
2.5 rm	0.8	3.6	33	100
4 re	0.8	3.9	46	100
4 rm	0.8	4.2	50	100
6 re	0.8	4.4	66	100
6 rm	0.8	4.7	70	100
10 re	1.0	5.6	108	1000
10 rm	1.0	6.1	117	1000
16 rm	1.0	7.1	178	1000
25 rm	1.2	8.8	269	1000
35 rm	1.2	9.4	349	1000
50 rm	1.4	11.0	496	1000
70 rm	1.4	12.7	680	1000

Power Cables

Wire Size Conductor / Insulated Wire Dia	Insulation Thickness	Overall Diameter	Weight	Standard Packing Length
mm ²	mm	mm	Kg/Km	meter
95 rm	1.6	14.7	921	1000
120 rm	1.6	16.2	1,150	1000
150 rm	1.8	18.1	1,438	1000
185 rm	2.0	20.1	1,773	1000
240 rm	2.2	22.9	2,294	1000
300 rm	2.4	25.4	2,860	1000
400 rm	2.6	28.4	3,784	1000
BS 6004 T.4 row 23 & 24				
500 rm	2.8	31.4	4,720	500
630 rm	2.8	38.4	6,200	500
300/500 V (60227 IEC 05)				
0.5 re	0.6	2.0	8	100
0.75 re	0.6	2.2	11	100
1 re	0.6	2.3	14	100
300/500 V (60227 IEC 07) Max.Conductor Temperature 90°C				
0.5 re	0.6	2.0	8	100
0.75 re	0.6	2.2	11	100
1 re	0.6	2.3	14	100
1.5 re	0.7	2.8	20	100
2.5 re	0.8	3.4	31	100
1.5 rm	0.7	3.0	22	100
2.5 rm	0.8	3.6	33	100
BS 6004 Table 11-a rows 5-10				
4 rm	0.8	4.2	49	100
6 rm	0.8	4.7	70	100
10 rm	1.0	6.1	117	1000
16 rm	1.0	7.1	177	1000
25 rm	1.2	8.8	269	1000
35 rm	1.2	9.4	348	1000