

Specification Number	Specification Title	Applicable Current Rating Tables (16th edition tables)	Conductor Operating Temperature
BS5467:1997	Electric cables - thermosetting insulated armoured cables for voltages of 600/1000V & 1900/3300V	4E3, 4E4 4J3, 4J4 (4L3, 4L4)	90°C
BS6004:2000	Electric cables - PVC insulated, non-armoured cables for voltages up to and including 450/750V, for electric power, lighting & internal wiring	4D1, 4D2	70°C
	Thermoplastic insulated & sheathed flat cable with protective conductor to Table 8	4D5	70°C
BS6231	Electric cables - single-core PVC insulated flexible cables of rated voltage 600/1000V for switchgear & controlgear wiring	4D1	70°C*
BS6346:1997	Electric cables - PVC insulated, armoured cables for voltages of 600/1000V & 1900/3300V	4D3, 4D4 4H3, 4H4 (4K3, 4K4) 4J3, 4J4	70°C
BS6500:2000	Electric cables - Flexible cords rated up to 300/500V, for use with appliances and equipment intended for domestic, office and similar environments	4F3 (4H3)	60°C, 90°C
BS6724:1997	Electric cables - thermosetting insulated, armoured cables for voltages of 600/1000V & 1900/3300V having low emission of smoke and corrosive gases when affected by fire	4E3, 4E4 4J3, 4J4 (4L3, 4L4)	90°C
BS7211:1998	Electric cables - thermosetting insulated non-armoured cables for voltages up to and including 450-750V for electric power, lighting & internal wiring and having low emission of smoke & corrosive gases when affected by fire	4E2	90°C
BS7629-1:1997	Specification for 300/500V fire resistant electric cables having low emission of smoke & corrosive gases when affected by fire. Multicore cables	4D2	70°C
BS7846:2000	Electric cables - 600/1000V armoured fire-resistant electric cables having thermosetting insulation & low emission of smoke and corrosive gases when affected by fire	4E3, 4E4 4J3, 4J4	90°C
BS7889:1997	Electric cables - thermosetting insulated, armoured cables for a voltage of 600/1000V	4E1	90°C
BS7919:2001	Electric cables - Flexible cables rated up to 450/750V, for use with appliances & equipment intended for industrial & similar environments	4F1, 4F2, 4F3 (4H1, 4H2, 4H3)	60°C, 90°C 180°C
BS8436:2004	Electric cables - 300/500V screened electric cables having low emission of smoke & corrosive gases when affected by fire, for use in walls, partitions and building voids - multicore cables	4D2	70°C
BSEN60702-1:2001	Mineral insulated cables and their terminations with a rated voltage not exceeding 750V. Cables	4G1, 4G2 (4J1, 4J2)	70°C**, 105°C**

* cables to BS6231 when installed in conduit or trunking are rated to 70°C

** sheath operating temperature

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