



## Power Cable Standards

### British Standards

Standard No	Description
BS 215:1970	Aluminium conductors & steel-reinforced aluminium conductors for overhead power transmission. Aluminium stranded conductors
BS 5467:1997	Electric cables. Thermosetting insulated, armoured cables for voltages of 600/1000V and 1900/3300V
BS 6004:2000	Electric cables. PVC insulated, nonarmoured cables for voltages up to and including 450/750V, for electric power, lighting and internal wiring
BS 6480:1988	Power cables, impregnated paper insulated, lead or lead alloy sheathed electric cables
BS 6485:1999	PVC covered conductors for overhead power lines
BS 6622:1999	Power cables, thermosetting polymer insulated high voltage
BS 6724:1997	Electric cables. Thermosetting insulated, armoured cables for voltages of 600/1000V and 1900/3300V, having low emission of smoke and corrosive gases when affected by fire
BS 7197:1990	Specification for performance of bonds for electric power cable terminations and joints for system voltages up to 36kV
BS 7211:1998	Electric cables. Thermosetting insulated, unarmoured cables for voltages up to & including 450/750V, for electric power, lighting & internal wiring, and having low emission of smoke and corrosive gases when affected by fire
BS 7835:2000	Specification for armoured cables with extruded cross-linked polyethylene or ethylene propylene rubber insulation for rated voltages from 3.8/6.6kV up to 19/33kV having low emission of smoke and corrosive gases when affected by fire
BS 7870-8.1:2003	LV & MV polymeric insulated cables for use by distribution and generation utilities. Specification for multicore and multipair cables for installation above and below ground. Single wire armoured and PVC sheathed multicore cable with copper conductors
BS 7870-8.2:2003	LV & MV polymeric insulated cables for use by distribution and generation utilities. Specification for multicore and multipair cables for installation above and below ground. Single wire armoured and PVC sheathed multipair cable with copper conductors
BS 7870-8.3:2003	LV & MV polymeric insulated cables for use by distribution and generation utilities. Specification for multicore and multipair cables for installation above and below ground. Single wire armoured and PVC sheathed multicore cable with copper conductors, having reduced fire propagation
BS 7870-8.6:2003	LV & MV polymeric insulated cables for use by distribution and generation utilities. Specification for multicore and multipair cables for installation above and below ground. Single wire or double steel tape armoured and non-halogenated sheathed multipair cable with copper conductors
BS 7884:1997	Specification for copper and copper-cadmium stranded conductors for overhead electric traction and power transmission system
BS 7889:1997	Electric cables. Thermosetting insulated, unarmoured cables for a voltage of 600/1000V
BSEN 10257-1:1998	Zinc or zinc alloy coated non-alloy steel wire for armouring either power or telecomms cables. Land cables
BSEN 10257-2:1998	Zinc or zinc alloy coated non-alloy steel wire for armouring either power or telecomms cables. Submarine cables
BSEN 50183:2000	Conductors for overhead lines. Aluminium-magnesium-silicon alloy wires
BSEN 50189:2000	Conductors for overhead lines. Zinc coated steel wires
BSEN 60889:1997	Hard drawn aluminium wire for overhead line conductors

## German Standards

Standard No	Description
DIN VDE 0100	Erection of power installations with rated voltages below 1000
DIN VDE 0101	Erection of power installations with rated voltages above 1000
DIN VDE 0105	Operation of power installations
DIN VDE 0245 Part 1	Cables and cords for electrical and electronic equipment in power installations
DIN VDE 0281 Part 1 to Part 404	PVC cables, wires and flexible cords for power installation
DIN VDE 0282 Part 1 to Part 808	Rubber cables and flexible cords for power installation, heat-resistant silicon rubber insulated cable, halogen-free insulated cable arc welding cables, rubber insulated lift cables, rubber sheathed flexible cables
DIN VDE 0289 Part1 to Part 101	Definitions for cables, wires and flexible cords for power installation
DIN VDE 0292	Code designation for harmonised cables and flexible cords for power installations
DIN VDE 0293	Core identification for cables and flexible cords used in power installations
DIN VDE 0295	Conductors of cables, wires and flexible cords for power installations
DIN VDE 0298 Part 1 to Part 300	Application of cables and flexible cords in power installations

## International Standards

Standard No	Description
IEC 60502-1	Power cables with extruded insulation and their accessories for rated voltages form 1kV top to 30kV Part 1:cables for rated voltages of 1kV and 3kV
IEC 60502-2	Power cables with extruded insulation and their accessories for rated voltages form 1kV top to 30kV Part 2:cables for rated voltages from 6kV up to 30kV
IEC 60502-4	Power cables with extruded insulation and their accessories for rated voltages form 1kV top to 30kV Part 4:test requirements on accessories for cables with rated voltages from 6kV up to 30kV
IEC 60889	Hard-drawn aluminium wire for overhead line conductors