



International Electrotechnical Commission Standards

Standard	Title
IEC 60028	International standard of resistance for copper
IEC 60038	IEC standard voltages
IEC 60050-461	International electrotechnical vocabulary. Chapter 461: Electric cables
IEC 60055-1	Paper insulated metal sheathed cables for rated voltages up to 18/30kV (with copper or aluminium conductors and excluding gas pressure and oil-filled cables) Part 1: tests on cables and their accessories
IEC 60055-2	Paper insulated metal sheathed cables for rated voltages up to 18/30kV (with copper or aluminium conductors and excluding gas pressure and oil-filled cables) Part 2: general and construction requirements
IEC 60092-101	Electrical installations in ships Part 101: definitions and general requirements
IEC 60092-350	Electrical installations in ships - Part 350: shipboard power cables - general construction and test requirements
IEC 60092-351	Electrical installations in ships - Part 351: insulating materials for shipboard and offshore units, power, control, instrumentation, telecommunication and data cables
IEC 60092-352	Electrical installations in ships - Part 352: choice and installation of electrical cables
IEC 60092-353	Electrical installations in ships - Part 353: single and multicore non-radial power cables with extruded solid insulation for rated voltages 1kV and 3kV
IEC 60092-354	Electrical installations in ships - Part 354: single and 3 core power cables with extruded solid insulation for rated voltages 6kV up to 30kV
IEC 60092-359	Electrical installations in ships - Part 359: sheathing materials for shipboard power and telecommunication cables
IEC 60092-373	Electrical installations in ships. Shipboard telecommunication cables and radio-frequency cables. Shipboard flexible coaxial cables
IEC 60092-374	Electrical installations in ships. Shipboard telecommunication cables and radio-frequency cables. Telephone cables for non-essential communication services
IEC 60092-375	Electrical installations in ships. Shipboard telecommunication cables and radio-frequency cables. General instrumentation, control and communication cables
IEC 60092-376	Electrical installations in ships - Part 376: cables for control and instrumentation circuits 150/250V
IEC 60096-0-1	Radio frequency cables Part 0: guide to the design of detailed specifications. Section one: coaxial cables
IEC 60096-1	Radio frequency cables Part 1: general requirements and measuring methods
IEC 60096-2	Radio frequency cables Part 2: relevant cable specifications
IEC 60096-3	Radio frequency cables Part 3: general requirements and tests for single-unit coaxial cables for use in cabled distribution systems
IEC 60096-4-1	Radio frequency cables Part 4: specification for superscreened cables Section 1: general requirements and test methods
IEC 60141-1	Tests of oil-filled and gas-pressure cables and their accessories - Part 1: oil-filled, paper or polypropylene paper laminate insulated, metal-sheathed cables and accessories for alternating voltages up to and including 500kV
IEC 60141-2	Tests of oil-filled and gas-pressure cables and their accessories - Part 2: internal gas-pressure cables and accessories for alternating voltages up to 275kV
IEC 60169-10	Radio-frequency connectors. Part 10: RF coaxial connectors with inner diameter of outer conductor 3mm with snap-on coupling. Characteristic impedance 50 ohms
IEC 60169-11	Radio-frequency connectors. Part 11: RF coaxial connectors with inner diameter of outer conductor 9.5mm with screw coupling. Characteristic impedance 50 ohms
IEC 60169-13	Radio-frequency connectors. Part 13: RF coaxial connectors with inner diameter of outer conductor 5.6mm. Characteristic impedance 75 ohms

Standard	Title
IEC 60169-14	Radio-frequency connectors. Part 14: RF coaxial connectors with inner diameter of outer conductor 5.6mm. Characteristic impedance 75 ohms
IEC 60169-15	Radio-frequency connectors. Part 15: RF coaxial connectors with inner diameter of outer conductor 4.13mm with screw coupling. Characteristic impedance 50 ohms
IEC 60169-17	Radio-frequency connectors. Part 17: RF coaxial connectors with inner diameter of outer conductor 6.5mm with screw coupling. Characteristic impedance 50 ohms
IEC 60169-18	Radio-frequency connectors. Part 18: RF coaxial connectors with inner diameter of outer conductor 2.79mm with screw coupling. Characteristic impedance 50 ohms
IEC 60169-19	Radio-frequency connectors. Part 19: RF coaxial connectors with inner diameter of outer conductor 2.08mm with snap coupling. Characteristic impedance 50 ohms
IEC 60169-20	Radio-frequency connectors. Part 20: RF coaxial connectors with inner diameter of outer conductor 2.08mm with screw coupling. Characteristic impedance 50 ohms
IEC 60169-21	Radio-frequency connectors. Part 21: Two types of radio-frequency connectors with inner diameter of outer conductor 9.5mm with different versions of screw coupling. Characteristic impedance 50 ohms
IEC 60169-22	Radio-frequency connectors. Part 22: RF two-pole bayonet coupled connectors for use with shielded balanced cables having twin inner conductors
IEC 60169-24	Radio-frequency connectors. Part 24: RF coaxial connectors with screw coupling, typically for use in 75 ohm cable distribution systems (type F)
IEC 60169-26	Radio-frequency connectors. Part 26: RF coaxial connectors with screw coupling. Characteristic impedance 50 ohms
IEC 60169-27	Radio-frequency connectors. Part 27: RF coaxial connectors with screw coupling, typically for use in 75ohm cable distribution systems (Type E)
IEC 60169-28	Radio-frequency connectors. Part 28: RF coaxial connectors with inner diameter of outer conductor 6.5mm with snap coupling. Characteristic impedance 75 ohms
IEC 60173	Colours of the cores of flexible cables and cores
IEC 60183	Guide to the selection of high-voltage cables
IEC 60189-1	Low-frequency cables and wires with PVC insulation and PVC sheath Part 1: general test and measuring methods
IEC 60189-2	Low-frequency cables and wires with PVC insulation and PVC sheath Part 2: cables in pairs, triples, quads and quintuples for inside installations
IEC 60189-3	Low-frequency cables and wires with PVC insulation and PVC sheath Part 3: equipment wires with solid or stranded conductor, PVC insulated in singles, pairs and triples
IEC 60228	Conductors of insulated cables
IEC 60229	Test on cable oversheaths which have a special protective function and are applied by extrusion
IEC 60230	Impulse tests on cables and their accessories
IEC 60245-1	Rubber insulated cables - rated voltages up to and including 450/750 V Part 1: general requirements
IEC 60245-2	Rubber insulated cables - rated voltages up to and including 450/750 V Part 2: test methods
IEC 60245-3	Rubber insulated cables - rated voltages up to and including 450/750 V Part 3: heat resistant silicone insulated cables
IEC 60245-4	Rubber insulated cables - rated voltages up to and including 450/750 V Part 4: cords and flexible cables
IEC 60245-5	Rubber insulated cables - rated voltages up to and including 450/750 V Part 5: lift cables
IEC 60245-6	Rubber insulated cables - rated voltages up to and including 450/750 V Part 6: arc welding electrode cables
IEC 60245-7	Rubber insulated cables - rated voltages up to and including 450/750 V Part 7: heat resistant ethylene-vinyl acetate rubber
IEC 60245-8	Rubber insulated cables - rated voltages up to and including 450/750 V Part 8: cords for applications requiring high flexibility
IEC 60227-1	Polyvinyl chloride insulated cables for rated voltages up to and including 450/750 V Part 1: general requirements
IEC 60227-2	Polyvinyl chloride insulated cables for rated voltages up to and including 450/750 V Part 2: test methods
IEC 60227-3	Polyvinyl chloride insulated cables for rated voltages up to and including 450/750 V Part 3: non-sheathed cables for fixed wiring
IEC 60227-4	Polyvinyl chloride insulated cables for rated voltages up to and including 450/750 V Part 4: sheathed cables for fixed wiring

Standard	Title
IEC 60227-5	Polyvinyl chloride insulated cables for rated voltages up to and including 450/750 V Part 5: flexible cables
IEC 60227-6	Polyvinyl chloride insulated cables for rated voltages up to and including 450/750 V Part 6: lift cables and cables for flexible connections
IEC 60227-7	Polyvinyl chloride insulated cables for rated voltages up to and including 450/750 V Part 7: flexible cables screened and unscreened with two or more conductors
IEC 60228	Electrical conductors of insulated cable
IEC 60287-1-1	Electric cables - calculation of the current rating - Part 1: current rating equations (100% load factor) and calculation of losses - Section 1:general
IEC 60287-1-2	Electric cables - calculation of the current rating - Part 1: current rating equations (100% load factor) and calculation of losses -Section 2:sheath eddy current loss factors for two circuits in flat formation
IEC 60287-1-3	Electric cables - calculation of the current rating - Part 1: current rating equations (100% load factor) and calculation of losses -Section 3:current sharing between parallel single-core cables and calculation of circulating current losses
IEC 60287-2-1	Electric cables - calculation of the current rating - Part 2: thermal resistance -Section 1:calculation of thermal resistance
IEC 60287-2-2	Electric cables - calculation of the current rating - Part 2: thermal resistance -Section 2:a method for calculating reduction factors for groups of cables in free air, protected from solar radiation
IEC 60287-3-1	Electric cables - calculation of the current rating - Part 3: sections on operating conditions - Section1:reference operating conditions and selection of cable type
IEC 60287-3-2	Electric cables - calculation of the current rating - Part 3: sections on operating conditions - Section2:economic optimisation of power cable size
IEC 60304	Standard colours for insulation for low-frequency cables and wires
IEC 60331-11	Tests for electric cables under fire conditions - circuit integrity - Part 11: apparatus - fire alone at a flame temperature of at least 750 deg C
IEC 60331-12	Tests for electric cables under fire conditions - circuit integrity - Part 12: apparatus - fire with shock at a temperature of at least 830 deg C
IEC 60331-21	Tests for electric cables under fire conditions - circuit integrity - Part 21: procedures and requirements - cables of rated voltage up to and including 0.6/1.0kV
IEC 60331-23	Tests for electric cables under fire conditions - circuit integrity - Part 23: procedures and requirements - electric data cables
IEC 60331-25	Tests for electric cables under fire conditions - circuit integrity - Part 25: procedures and requirements - optical fibre cables
IEC 60331-31	Tests for electric cables under fire conditions - circuit integrity - Part 31: procedures and requirements for fire with shock - cables of rated voltage up to and including 0.6/1.0kV
IEC 60332-1-1	Tests on electric and optical fibre cables under fire conditions Part 1: test for vertical flame propagation for a single insulated wire or cable Section 1: apparatus
IEC 60332-1-2	Tests on electric and optical fibre cables under fire conditions Part 1: test for vertical flame propagation for a single insulated wire or cable Section 2: procedure for 1kW pre-mixed flame
IEC 60332-1-3	Tests on electric and optical fibre cables under fire conditions Part 1: test for vertical flame propagation for a single insulated wire or cable Section 3: procedure for determination of flaming droplets/particles
IEC 60332-2-1	Tests on electric and optical fibre cables under fire conditions Part 2: test for vertical flame propagation for a single small insulated wire or cable Section 1: apparatus
IEC 60332-2-2	Tests on electric and optical fibre cables under fire conditions Part 2: test for vertical flame propagation for a single small insulated wire or cable Section 2: procedure for diffusion flame
IEC 60332-3-10	Tests on electric cables under fire conditions Part 3: test for vertical flame spread of vertically-mounted bunched wires or cables Section 10: apparatus
IEC 60332-3-21	Tests on electric cables under fire conditions Part 3: test for vertical flame spread of vertically-mounted bunched wires or cables Section 21: category A F/R
IEC 60332-3-22	Tests on electric cables under fire conditions Part 3: test for vertical flame spread of vertically-mounted bunched wires or cables Section 22: category A
IEC 60332-3-23	Tests on electric cables under fire conditions Part 3: test for vertical flame spread of vertically-mounted bunched wires or cables Section 23: category B
IEC 60332-3-24	Tests on electric cables under fire conditions Part 3: test for vertical flame spread of vertically-mounted bunched wires or cables Section 24 category C
IEC 60332-3-25	Tests on electric cables under fire conditions Part 3: test for vertical flame spread of vertically-mounted bunched wires or cables Section 25 category D

Standard	Title
IEC 60344	Guide to the calculation of resistance of plain and coated copper conductors of low-frequency cables and wires
IEC 60371-3-8	Insulating materials based on mica Part 3: specifications for individual materials Section 8: mica paper tapes for flame-resistant security cables
IEC 60502-1	Power cables with extruded insulation and their accessories for rated voltages from 1kV 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 from 1kV 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 from 1kV to 30kV Part 4:test requirements on accessories for cables with rated voltages from 6kV up to 30kV
IEC 60584-3	Thermocouples. Part 3: extension and compensating cables - tolerances and identification system
IEC 60702-1	Mineral insulated cables and their terminations with a rated voltage not exceeding 750V Part 1: cables
IEC 60702-2	Mineral insulated cables and their terminations with a rated voltage not exceeding 750V Part 2: terminations
IEC 60708	Low-frequency cables with polyolefin insulation and moisture barrier polyolefin sheath
IEC 60719	Calculation of the lower and upper limits for the average outer dimensions of cables with circular copper conductors and of rated voltages up to and including 450/750V
IEC 60724	Short-circuit temperature limits of electric cables with rated voltages of 1kV and 3kV
IEC 60754-1	Test on gases evolved during combustion of materials from cables. Part 1:determination of the amount of halogen acid gas
IEC 60754-2	Test on gases evolved during combustion of materials from cables. Part 2:determination of the degree of acidity of gases evolved during the combustion of materials taken from electric cables by measuring pH and conductivity
IEC 60793-1-1	Optical fibres. Part 1: measurement methods and test procedures. Section 1: general & guidance
IEC 60793-1-20	Optical fibres. Part 1: measurement methods and test procedures. Section 20: fibre geometry
IEC 60793-1-21	Optical fibres. Part 1: measurement methods and test procedures. Section 21: coating geometry
IEC 60793-1-22	Optical fibres. Part 1: measurement methods and test procedures. Section 22: length measurement
IEC 60793-1-30	Optical fibres. Part 1: measurement methods and test procedures. Section 30: fibre proof test
IEC 60793-1-31	Optical fibres. Part 1: measurement methods and test procedures. Section 31: tensile strength
IEC 60793-1-32	Optical fibres. Part 1: measurement methods and test procedures. Section 32: coating strippability
IEC 60793-1-33	Optical fibres. Part 1: measurement methods and test procedures. Section 33: stress corrosion susceptibility
IEC 60793-1-34	Optical fibres. Part 1: measurement methods and test procedures. Section 34: fibre curl
IEC 60793-1-40	Optical fibres. Part 1: measurement methods and test procedures. Section 40: attenuation
IEC 60793-1-41	Optical fibres. Part 1: measurement methods and test procedures. Section 41: bandwidth
IEC 60793-1-42	Optical fibres. Part 1: measurement methods and test procedures. Section 42: chromatic dispersion
IEC 60793-1-43	Optical fibres. Part 1: measurement methods and test procedures. Section 43: numerical aperture
IEC 60793-1-44	Optical fibres. Part 1: measurement methods and test procedures. Section 44: cut-off wavelength
IEC 60793-1-45	Optical fibres. Part 1: measurement methods and test procedures. Section 45: mode field diameter
IEC 60793-1-46	Optical fibres. Part 1: measurement methods and test procedures. Section 46: monitoring of changes in optical transmittance
IEC 60793-1-47	Optical fibres. Part 1: measurement methods and test procedures. Section 47: macrobending loss
IEC 60793-1-48	Optical fibres. Part 1: measurement methods and test procedures. Section 46: polarisation mode dispersion
IEC 60793-1-49	Optical fibres. Part 1: measurement methods and test procedures. Section 49: differential mode delay
IEC 60793-1-50	Optical fibres. Part 1: measurement methods and test procedures. Section 50: damp heat
IEC 60793-1-51	Optical fibres. Part 1: measurement methods and test procedures. Section 51: dry heat
IEC 60793-1-52	Optical fibres. Part 1: measurement methods and test procedures. Section 52: change of temperature

Standard	Title
IEC 60793-1-53	Optical fibres. Part 1: measurement methods and test procedures. Section 53: water immersion
IEC 60793-1-54	Optical fibres. Part 1: measurement methods and test procedures. Section 54: gamma irradiation
IEC 60793-2	Optical fibres. Part 2: product specifications - general
IEC 60794-1-1	Optical fibre cables Part 1: generic specification Section 1: general
IEC 60794-1-2	Optical fibre cables Part 1: generic specification Section 2: basic optical cable test procedures
IEC 60794-2-10	Optical fibre cables. Part 2: Indoor cables Section 10:sectional specification
IEC 60794-2-11	Optical fibre cables. Part 2: Indoor cables Section 11:detailed specification for simplex and duplex cables for use in premises cabling
IEC 60794-2-21	Optical fibre cables. Part 2: Indoor cables Section 21:detailed specification for multi-fibre optical distribution cables for use in premises cabling
IEC 60794-3	Optical fibre cables. Part 3: sectional specification - outdoor cables
IEC 60794-3-10	Optical fibre cables. Part 3: sectional specification - outdoor cables Section 10: family specification for duct and directly buried optical telecommunication cables
IEC 60794-3-12	Optical fibre cables. Part 3: sectional specification - outdoor cables Section 12: detailed specification for duct and directly buried optical telecommunication cables for use in premises cabling
IEC 60811-1-1	Common test methods for insulating and sheathing materials of electric cables and optical cables. Part 1: methods for general application Section 1:measurement of thickness and overall dimensions - tests for determining the mechanical properties
IEC 60811-1-2	Common test methods for insulating and sheathing materials of electric cables and optical cables. Part 1: methods for general application Section 2: thermal ageing methods
IEC 60811-1-3	Common test methods for insulating and sheathing materials of electric cables and optical cables. Part 1: methods for general application Section 3:methods for determining the density - water absorption tests - shrinkage test
IEC 60811-1-4	Common test methods for insulating and sheathing materials of electric cables and optical cables. Part 1: methods for general application Section 4: test at low temperature
IEC 60811-2-1	Common test methods for insulating and sheathing materials of electric cables and optical cables. Part 2: methods specific to elastomeric compounds Section 1:ozone resistance, hot set and mineral oil immersion tests
IEC 60811-3-1	Common test methods for insulating and sheathing materials of electric cables. Part 3: methods specific to PVC compounds Section 1:pressure test at high temperature - tests for resistance to cracking
IEC 60811-3-2	Common test methods for insulating and sheathing materials of electric cables. Part 3: methods specific to PVC compounds Section 2:loss of mass test - thermal stability test
IEC 60811-4-1	Common test methods for insulating and sheathing materials of electric and optical cables. Part 4: methods specific to polyethylene and polypropylene compounds Section 1: resistance to environmental stress cracking - measurement of the melt flow index, carbon black and/or mineral filler content measurement in polyethylene by direct combustion - measurement of carbon black content by thermogravimetric analysis
IEC 60811-4-2	Common test methods for insulating and sheathing materials of electric and optical cables. Part 4: methods specific to polyethylene and polypropylene compounds Section 2: tensile strength and elongation at break after conditioning at elevated temperature - wrapping test after conditioning at elevated temperature - wrapping test after thermal ageing in air - measurement of mass increase - long-term stability test - test method for copper-catalyzed oxidative degradation
IEC 60811-5-1	Common test methods for insulating and sheathing materials of electric and optical cables. Part 5: methods specific to filling compounds Section 1: drop-point - separation of oil -lower temperature brittleness - total acid number - absence of corrosive components
IEC 60840	Power cables with extruded insulation and their accessories for rated voltages above 30kV up to 150kV- test methods and requirements
IEC 60874-1	Connectors for optical fibres and cables. Part 1: generic specification
IEC 60885-1	Electrical test methods for electric cables. Part 1: electrical test for cables, cords and wires for voltages up to and including 450/750V
IEC 60885-2	Electrical test methods for electric cables. Part 2: partial discharge tests
IEC 60885-3	Electrical test methods for electric cables. Part 3: test methods for partial discharge measurements on lengths of extruded power cables
IEC 60888	Zinc-coated steel wires for stranded conductors
IEC 60889	Hard-drawn aluminium wire for overhead line conductors
IEC 60966-1	Radio frequency and coaxial cable assemblies. Part 1: generic specification - general requirements and test methods

Standard	Title
IEC 60966-2-1	Radio frequency and coaxial cable assemblies. Part 2: sectional specification for flexible coaxial cable assemblies
IEC 60974-12	Arc welding equipment. Part 12: coupling devices for welding cables
IEC 61034-1	Measurement of smoke density of cables burning under defined conditions Part 1: test apparatus
IEC 61034-2	Measurement of smoke density of cables burning under defined conditions Part 2: test procedure and requirements
IEC 61073-1	Mechanical splices and fusion splice protectors for optical fibres and cables Part 1: generic specification
IEC 61084-1	Cable trunking and ducting systems for electrical installations Part 1: general requirements
IEC 61084-2	Cable trunking and ducting systems for electrical installations Part 2: particular requirements Section 1: cable trunking and ducting systems intended for mounting on walls or ceilings
IEC 61158-1	Digital data communications for measurement & control - fieldbus for use in industrial control systems Part 1: overview and guidance
IEC 61158-2	Digital data communications for measurement & control - fieldbus for use in industrial control systems Part 2: physical layer specification and service definition
IEC 61158-3	Digital data communications for measurement & control - fieldbus for use in industrial control systems Part 3: data link service definition
IEC 61158-4	Digital data communications for measurement & control - fieldbus for use in industrial control systems Part 4: data link protocol
IEC 61158-5	Digital data communications for measurement & control - fieldbus for use in industrial control systems Part 5: application layer service definition
IEC 61158-6	Digital data communications for measurement & control - fieldbus for use in industrial control systems Part : application layer protocol specification
IEC 61442	Test methods for accessories for power cables with rated voltage from 6kV up to 30kV
IEC 61537	Cable tray systems and cable ladder systems for cable management
IEC 61935-1	Testing of balanced communication cabling in accordance with ISO/IEC 11801 Part 1: installed cabling
IEC 61935-2	Testing of balanced communication cabling in accordance with ISO/IEC 11801 Part 2: patch cords and work area cords
IEC/TR 6222	Fire performance of communication cables installed in buildings
ISO/IEC 11801	Information technology - generic cabling for customer premises
ISO/IEC 14709-1	Information technology - configuration of customer premises cabling for applications Part 1: Integrated Services Digital Network (ISDN) basic access
ISO/IEC 14709-2	Information technology - configuration of customer premises cabling for applications Part 2: Integrated Services Digital Network (ISDN) primary rate
ISO/IEC 14763-1	Information technology - implementation and operation of customer premises cabling Part 1: administration
ISO/IEC 15018	Information technology - generic cabling for homes
ISO/IEC/TR 14763-2	Information technology - implementation and operation of customer premises cabling Part 2: planning and installation
ISO/IEC/TR 14763-3	Information technology - implementation and operation of customer premises cabling Part 3: testing of optical fibre cabling
NEK 606	Cables for offshore installation halogen-free or mud resistant
EEMUA 133	Specification for underground armoured cable protected against solvent penetration and corrosive attack
SIWO-KUL	Silicone single core cable with overall polyester braid