

MAIN ITALIAN AND INTERNATIONAL STANDARDS		
TITLE	IT STANDARD	INTERNATIONAL STANDARDS
Conductors of insulated cables	CEI 20-29	EN 60228; IEC 60228
Insulating, sheathing and covering materials for low-voltage energy cables	CEI 20-11	EN 50363
Electric and optical fibre cables - Test methods for non-metallic materials	CEI 20-34	EN 60811; IEC 60811
/	/	/
Tests on electric and optical fibre cables under fire conditions Test for vertical flame spread of vertically-mounted bunched wires or cables	CEI 20-22 III cat. C; CEI EN 60332-3-24	EN 60332-3-24; IEC 60332-3-24
Test methods for cables under fire conditions Test for vertical flame propagation for a single insulated wire or cable	CEI 20-35; CEI EN 60332-1-2	EN 60332-1-2; IEC 60332-1-2
Method of test for resistance to fire of unprotected small cables for use in emergency	CEI 20-36/4-0	EN 50200
Method of test for resistance to fire of larger unprotected power and control cables (outer diameter > 20 mm) for use in emergency circuits	CEI 20-36/5-0	EN 50362
Electric cables - Fire resistance test for unprotected electric cables (P classification)	CEI 20-36/6-0	EN 50577
Test on gases evolved during combustion of materials from cables Part 1: Determination of the halogen acid gas content	CEI 20-37 CEI EN 60754-1	EN 60754-1; IEC 60754-1
Test on gases evolved during combustion of materials from cables Part 2: Determination of acidity (by measuring pH) and conductivity	CEI 20-37 CEI 60754-2	EN 60754-2; IEC 60754-2
Measurement of smoke density of cables burning under defined conditions Part 2: Test procedure and requirements	CEI 20-37 CEI EN 61034-2	EN 61034-2; IEC 61034-2
Common test methods for cables under fire conditions - Heat release and smoke production measurement on cables during flame spread test - Test apparatus, procedures, results	CEI 20-108	EN 50399
Electrical test methods for low voltage energy cables	CEI 20-80	EN 50395
Electric cables - Spark-test method	CEI 20-70	EN 62230
Non electrical test methods for low voltage energy cables	CEI 20-84	EN 50396
Communication cables - Specifications for test methods Part 4-17: Test methods for UV resistance evaluation of the sheath of electrical and optical fibre cable	CEI 46-173	EN 50289-4-17
Environmental testing Part 2-78: Tests - Test Cab: Damp heat, steady state	CEI 104-28	EN 60068-2-78; IEC 60068-2-78
Electrical insulating materials - Thermal endurance properties Part 1: General guidelines for ageing procedures and evaluation of test results	CEI 15-49	EN 60216-1
Electrical insulating materials - Thermal endurance properties Parte 2: Determination of thermal endurance properties of electrical insulation materials - Choice of test criteria	CEI 15-50	EN 60216-2
Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements	CEI 20-115	EN 50575
Electric cables - Extended application of test results for reaction to fire	CEI 20-116	EN 50576
Fire classification of construction products and building elements - Part 6: Classification using data from reaction to fire tests on electric cables	UNI EN 13501-6	EN 13501-6
Reaction to fire class of cables related to EU Regulation "Construction Products" (305/2011)	CEI-UNEL 35016	/

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TITLE	IT STANDARD	INTERNATIONAL STANDARDS
National annex to standard CEI EN 50565-1 Electric cables - Guide to use for cables with a rated voltage not exceeding 450/750 V (U0/U) Part 1: General criteria	CEI 20-40/1-1	/
National annex to standard CEI EN 50565-2 Electric cables - Guide to use for cables with a rated voltage not exceeding 450/750 V (U0/U) Part 2: Specific criteria for types of cables specified in standard EN 50525	20-40/2-1	/
Electric cables - Guide to use for cables with a rated voltage not exceeding 450/750 V (U0/U) Part 1: General criteria	CEI 20-40/1	EN 50565-1
Electric cables - Guide to use for cables with a rated voltage not exceeding 450/750 V (U0/U) Part 2: Specific criteria for types of cables specified in standard EN 50525	20-40/2	EN 50565-2
Guide to use for 0,6/1 KV cables	CEI 20-67	/
Power and signalling cables System of designation	CEI 20-27	HD 361 S3
Power and signalling cables Designation abbreviations	CEI UNEL 35011	/
Mark and classification of cables related to fire	CEI-UNEL 35012	/
Cores identification	CEI UNEL 00722	HD 308 S2
Marking by inscription for the identification of cores of electric cables	CEI UNEL 00725; CEI EN 50334	EN 50334
Production facilities, transmission and public electric distribution lines in cables	CEI 11-17	/
Electric cables insulated with elastometric or thermoplastic material for rated voltage not exceeding 1000 V AC and 1500 V DC Continuous current capacities for laying in air	CEI-UNEL 35024/1	/
Electric cables insulated with elastometric or thermoplastic material for rated voltage not exceeding 1000 V AC and 1500 V DC Continuous current capacities for underground laying	CEI-UNEL 35026	/
Electric cables for photovoltaic systems	EN 50618	EN 50618
Electric cables - Power cables with a rated voltage not exceeding 450/750 V (U0/U)	CEI 20-107	EN 50525
Rubber insulated cables non flame propagating, with low smokes and toxic and corrosive gases emission	CEI 20-38	/
Cables with extruded rubber insulation with rated voltage from 1kV to 30 kV	CEI 20-13	/
Cables insulated with polyvinylchloride for rated voltage from 1KV to 3 KV	CEI 20-14	/
Fire resistant cables insulated with elastometric compound with rated voltage U0/U not exceeding 0,6/1 kV	CEI 20-45	/
Fire resistant electric cables, non flame propagating and halogen free, with rated voltage 100/100 V for applications in fixed automatic detection and fire alarm signalling systems	CEI 20-105	/
Electrical systems with rated voltage not exceeding 1000V AC and 1500V DC	CEI 64/8	HD 384
Fixed automatic detection and fire alarm signalling systems - Design, installation and use	UNI 9795:2013	/