



Industry Standards Activity Overview

TIA

Most Recent Plenary Meeting: February 6 - 10, 2017 in Philadelphia, PA
Updated: March 6, 2017

TR-42.1 Commercial Building Cabling:

TSB-185	Environmental Classification (MICE) Tutorial	Published
ANSI/TIA-1179	Healthcare Facility Telecommunications Cabling Standard	Published
ANSI/TIA-942-A	Telecommunications Infrastructure Standard for Data Centers	Published
ANSI/TIA-942-A-1	Telecommunications Infrastructure Standard for Data Centers, Addendum 1 – Cabling Guidelines for Data Center Fabrics	Published
TSB-162-A	Telecommunications Cabling Guidelines for Wireless Access Points	Published
ANSI/TIA-4966	Telecommunications Infrastructure for Educational Buildings and Spaces	Published
ANSI/TIA-568.0-D	Generic Telecommunications Cabling for Customer Premises	Published
ANSI/TIA-568.1-D	Commercial Building Telecommunications Cabling Standard	Published
ANSI/TIA-862-B	Building Automation Systems Cabling Standard	Published
ANSI/TIA-5017	Telecommunications Physical Network Security Standard Working	Published
ANSI/TIA-5018	Structured Cabling Infrastructure Standard to support Distributed Antenna Systems	Published
ANSI/TIA-1179-A	Healthcare Facility Telecommunications Infrastructure Standard	Circulating for Default Ballot
ANSI/TIA-942-B	Telecommunications Infrastructure Standard for Data Centers	Circulating for Default Ballot
ANSI/TIA-568.0-D-1	Generic Telecommunications Cabling for Customer Premises, Addendum 1: Updated References, Accommodation of New Media Types	Circulating for Industry Ballot
ANSI/TIA-568.1-D-1	Commercial Building Telecommunications Infrastructure Standard, Addendum 1: Updated References, Accommodation of New Media Types	Circulating for Industry Ballot
ANSI/TIA-570-D	Residential Telecommunications Standard	Under Development
ANSI/TIA-758-C	Customer-Owned Outside Plant	Under Development
ANSI/TIA-862-B-1	Telecommunications Infrastructure Standard for Structured Cabling Infrastructure Standard for Intelligent Building Systems, Addendum 1: Updated References, Accommodation of New Media Types	Under Development
ANSI/TIA-4966-1	Telecommunications Infrastructure Standard for Educational Facilities, Addendum 1: Updated References, Accommodation of New Media Types	Under Development
ANSI/TIA-xxxx	Places of Assembly	Under Development

TR-42.2 Residential Infrastructure (Disbanded):

ANSI/TIA-570-B	Residential Telecommunications Infrastructure	Published
ANSI/TIA-570-C	Residential Telecommunications Infrastructure	Published

TR-42.3 Pathways and Spaces:

ANSI/TIA-569-C	Commercial Building Standard for Telecommunications Pathways and Spaces	Published
ANSI/TIA-569-C-1	Commercial Building Standard for Telecommunications Pathways and Spaces, Addendum 1 – Revised Temperature and Humidity Requirements for Telecommunications Spaces	Published
Errata	Revision to Foreword text describing differences between TIA-569-B and TIA-569-C	Published
ANSI/TIA-569-D	Commercial Building Standard for Telecommunications Pathways and Spaces	Published
ANSI/TIA-569-D-1	Revised Temperature and Humidity requirements for Telecommunications Spaces	Published
ANSI/TIA-569-D-2	Guidelines for Supporting Remote Powering	Circulating for Committee Ballot

TR-42.4 Outside Plant (Disbanded):

ANSI/TIA-758-B	Customer-Owned Outside Plant Telecommunications Infrastructure Standard	Published
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TR-42.5 Terms and Symbols:

Working Document	Telecommunications Infrastructure Terms and Symbols Glossary	Can be found here: http://www.tiaonline.org/standards/committees/documents/2016_10_06_Working_Dictionary.pdf
ANSI/TIA-440-C	Fiber Optic Terminology	Circulating for Default Ballot

TR-42.6 Infrastructure Administration:

ANSI/TIA-606-B	Administration Standard for Commercial Telecommunications Infrastructure	Published
ANSI/TIA-606-B-1	Automated Infrastructure Management Systems	Published
ANSI/TIA-606-C	Administration Standard for Telecommunications Infrastructure	Published
ANSI/TIA-5048	Adaption of ISO/IEC 18598	Circulating for Industry Ballot

TR-42.7 Copper Cabling:

ANSI/TIA-568-C.2	Balanced Twisted-Pair Telecommunications Cabling and Components Standard	Published
ANSI/TIA-1152	Requirements for Field Test Instruments	Published
TSB-155-A	Guidelines for the Assessment and Mitigation of Installed Category 6 Cabling to Support 10GBASE-T	Published
ANSI/TIA-568-C.4	Broadband Coaxial Cabling and Components Standard	Published
TSB-190	Guidelines on Shared Pathways and Shared Sheaths	Published
ANSI/TIA-1183	Test Fixtures for Balunless Measurements of Balanced Components and Systems	Published
TSB-1197	Mode Conversion Parameters for Balanced	Published

	Twisted-Pair Cabling	
ANSI/TIA-568-C.2-2	Additional Considerations for Category 6A Patch Cord Testing	Published
TSB-5008	Mechanically-Generated Cable Impulse Noise Detection and Characterization	Published
TSB-5019	High Performance Structured Cabling (HPSC) Applications	Published
ANSI/TIA-568-C.2-1	Balanced Twisted-Pair Telecommunications Cabling and Components Standard, Addendum 1: Specifications for 100Ω Category 8 Cabling	Published
ANSI/TIA-1183-1	Test Fixtures for Balunless Measurements of Balanced Components and Systems to 2 GHz	Published
TSB-184-A	Guidelines for Supporting Power Delivery Over Balanced Twisted-Pair Cabling	Published
ANSI/TIA-1152-A	Requirements for Field Test Instruments	Published
TSB-5021	Guidelines for the use of Installed Cabling to Support 2.5GBASE-T and 5GBASE-T	Published
ANSI/TIA-1183-A	Measurement Methods and Test Fixtures for Balunless Measurements of Balanced Components and Systems	Published
ANSI/TIA-568.2-D	Balanced Twisted-Pair Telecommunications Cabling and Components Standard	Circulating for Committee Ballot
ANSI/TIA-568.4-D	Broadband Coaxial Cabling and Components Standard	Circulating for Industry Ballot

TR-42.8 Optical Fiber Cabling (Disbanded):

TIA-492AAAD	Detail specification for OM4 850-nm laser-optimized, 50-μm core diameter/125-μm cladding diameter class Ia graded-index multimode optical fibers	Published
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TR-42.9 Industrial Infrastructure:

ANSI/TIA-1005-A	Telecommunications Infrastructure Standard for Industrial Premises	Published
ANSI/TIA-1005-A-1	M12-8 X-coding Connector for Industrial Premises	Published
ANSI/TIA-1005-A-2	1G Industrial Cabling for Four Pair (100 meters) (1000BASE-T) for E2 and E3 Environments	Circulating for Committee Ballot
ANSI/TIA-1005-A-3	1G Industrial Cabling for One Pair Type B (40 meters) (1000BASE-T1) for E2 and E3 Environments	Under Development

TR-42.10 Sustainable Information Communications Technology:

ANSI/TIA-4994	Standard for Sustainable Information Communications Technology	Published
TSB-5046	Standard Process for Sustainable Information Communications Technology Manufacturers	Circulating for Default Ballot

TR-42.11 Optical Fiber Systems:

ANSI/TIA-455-243	FOTP-243 Single-ended PMD test method	Published
TSB-178	Launch Condition Guidelines for Measuring Attenuation of Installed Multimode Cabling	Withdrawn
ANSI/TIA-526-14-B	Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant	Published
ANSI/TIA-568-C.3-1	Optical Fiber Cabling Components Standard – Addendum 1, Addition of OM4 Cabled Optical	Published

TSB-172-A	Fiber and 24-fiber array connectors High Data Rate Multimode Fiber Transmission Techniques	Published
TSB-4979	Practical Considerations for Implementation of Encircled Flux Launch Conditions in the Field	Published
ANSI/TIA-526-14-C	Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant	Published
ANSI/TIA-568.3-D	Optical Fiber Cabling Components Standard	Published

TR-42.12 Optical Fibers and Cables:

TIA-472G000	ICEA S-112-718-2008 - Standard for Optical Fiber for Placement in Sewer Environments	Published
TIA-455-11-D	Vibration Test Procedure for Fiber Optic Components and Cables	Reaffirmed
TIA-455-12	FOTP-12 Fluid Immersion Test for Fiber Optic Components	Reaffirmed
TIA-455-20-B	FOTP-20 Measurement Methods and Test Procedures - Monitoring of Changes in Optical Transmittance (adoption of IEC-60793-1-46)	Reaffirmed
TIA-455-31-C	FOTP-31 Proof Testing Optical Fibers by Tension	Reaffirmed
TIA-455-33-B	FOTP-33 Optical Fiber Cable Tensile Loading and Bending	Reaffirmed
TIA-455-39-B	FOTP-39 Fiber Optic Cable Water Wicking Test	Reaffirmed
TIA-455-57-B	FOTP-57 Preparation and Examination of Optical Fiber Endface for Testing Purposes	Reaffirmed
TIA-455-85-A	FOTP-85 Fiber Optic Cable Twist Test	Reaffirmed
TIA-455-86-A	FOTP-86 Fiber Optic Cable Jacket Shrinkage	Approved for Publication
TIA-455-87-B	FOTP-87 Fiber Optic Cable Knot Test	Published
TIA-455-100-A	FOTP-100 Gas Leakage Test for Gas-Blocked Fiber Optic Cables	Published
TIA-455-104-A	FOTP-104 Fiber Optic Cable Cyclic Flexing Test	Reaffirmed
TIA-455-122-B	FOTP-122 Optical Fibres-Part 1-48: Measurement Methods and Test Procedures- Polarization Mode Dispersion (adoption of IEC 60793-1-48)	Published
TIA-455-123	FOTP-123 Measurement of Optical Fiber Ribbon Dimension	Reaffirmed
TIA-455-131	FOTP-131 Measurement of Optical Fiber Ribbon Residual Twist	Reaffirmed
TIA-455-141	FOTP-141 Twist Test for Optical Fiber Ribbons	Reaffirmed
TIA-455-162-A	FOTP-162 Optical Fiber Cable Temperature- Humidity Cycling	Reaffirmed
TIA-455-183	FOTP-183 Hydrogen Effects on Optical Fiber Cable	Reaffirmed
TIA-455-192	FOTP-192 H-Parameter Test Method for Polarization-Maintaining Optical Fiber	Reaffirmed
TIA-455-193	FOTP-193 Polarization Crosstalk Method for Polarization-Maintaining Optical Fiber and Components	Reaffirmed
TIA-455-204-A	FOTP-204 Measurement of Bandwidth on Multimode Fiber	Published
TIA-492AAAE	Detail Specification for 50- μ m Core Diameter/125- μ m Cladding Diameter Class 1a Graded-Index Multimode Optical Fibers with Laser-Optimized Bandwidth Characteristics Specified for Wavelength Division Multiplexing	Published

TIA-455-244	FOTP-244 Expressed Tube Temperature Cycling	Approved for Publication
TIA-598-D	Optical Fiber Cable Coding	Approved for Publication
TIA-455-C	Standard Test Procedure for Fiber Optic Fibers, Cables, Transducers, Sensors, Connecting and Terminating Devices, and other Fiber	Approved for Publication
TIA-455-25-D	FOTP-25 Impact Testing of Optical Fiber Cables	Approved for Publication
ANSI/TIA-598-D-1	Optical Fiber Color Coding in Cable, Addendum for Additional Colors	Circulating for Committee Ballot
TIA-455-7-A	FOTP-7 Numerical Aperture of Step-Index Multimode Optical Fibers by Output Far-Field Radiation Pattern Measurement	Circulating for Committee Ballot
TIA-455-28	FOTP-28 Dynamic Tension (adoption of IEC 60793-1-33)	Under Development
TIA-455-80	FOTP-80 Patch Cord Wavelength	Under Development
TIA-455-95-A	FOTP-95 Absolute Optical Power Test for Optical Fibers and Cables	Circulating for Industry Ballot
TIA-455-104-A	FOTP-104 Fiber Optic Cable Cyclic Flexing Test	Circulating for Reaffirmation Ballot
TIA-455-123	FOTP-123 Measurement of Optical Fiber Ribbon Dimensions	Circulating for Reaffirmation Ballot
TIA-455-137-A	FOTP-137 Standard Low or High Temperature Bend Test for Fiber Optic Cable	Circulating for Reaffirmation Ballot
TIA-455-192	FOTP-192 H-Parameter Test Method for Polarization-Maintaining Optical Fiber	Circulating for Committee Ballot
TIA-455-193	FOTP-193 Polarization Crosstalk Method for Polarization-Maintaining Optical Fiber and Component	Circulating for Committee Ballot
TIA-455-176	FOTP-176 Fiber Geometry, Gray Scale (adoption of IEC 60793-1-20)	Under Development
TIA-455-177	FOTP-177 Graded-index MMF (adoption of IEC 60793-1-31)	Under Development
TIA-455-220	FOTP-220 DMD Measurement (adoption of IEC 60793-1-4)	Under Development
ANSI/TIA-598-D-2	TBD – OM5 Jacket Color	Under Development

TR-42.13 Passive Optical Devices and Components:

TIA/EIA-455-11-D	FOTP-11: Vibration Test Procedure for Fiber Optic Components and Cables	Published
TIA-1048	Reliability of Fibre Optic Interconnecting Devices and Passive Components - Part 7: Life Stress Modeling" (adoption of IEC 62005-7)	Reaffirmed
TIA-604-10-B	FOCIS-10 - Fiber Optic Connector Intermateability Standard, Type LC	Reaffirmed
TIA-604-2-B	FOCIS 2 - Fiber Optic Connector Intermateability Standard, Type ST	Reaffirmed
TIA-604-3-B	FOCIS 3 - Fiber Optic Connector Intermateability Standard, Type SC	Reaffirmed
TIA-604-4-B	FOCIS 4 - Fiber Optic Connector Intermateability Standard, Type FC and FC-APC	Reaffirmed
TIA-604-5-E	FOCIS 5 - Fiber Optic Connector Intermateability Standard, Type MPO (Multi-fiber Push On)	Published

TIA-604-15	FOCIS 15 - Fiber Optic Connector Intermateability Standard - Type MF	Reaffirmed
TIA-604-18	FOCIS-18 Fiber Optic Intermateability Standard Type 1x16 and 2x16 Multifiber Push-on/ Multifiber Termination Push-on	Published
TSB-4947	Guidance for Adhesive Usage in Fiber Optic Components	Published
TIA-455-231	FOTP-231 Calibration of Fibre-Optic Power Meters (IEC 61315 Ed.2)	Published
TIA-455-225	FOTP-225 - Endface Image Analysis Procedure for the Calibration of Optical Fibre Geometry Test Sets (IEC 61745)	Published
TIA-604-20-B	FOCIS 20 - Measurement Methods and Test Procedures - Monitoring of Changes in Optical Transmittance (adoption of IEC-60793-1-46)	Circulating for Reaffirmation Ballot
TIA-455-171-B	FOTP-171 - IEC 61300-3-4 Attenuation by Substitution Measurement for Short Length Multimode Graded Index and Single-Mode Optical Fiber Cable Assemblies" circulating for committee ballot	Circulating for Industry Ballot
TIA-604-18-A	FOCIS-18 Fiber Optic Intermateability Standard Type 1x16 and 2x16 Multifiber Push-on/ Multifiber Termination Push-on	Circulating for Industry Ballot
TIA-455-224	FOTP-224 - Calibration of Fibre Optic Chromatic Dispersion Test Sets	Under Development
TSB-143	Fiber Optic Power Meters	Under Development
TIA-604-5-F	FOCIS 5 - Fiber Optic Connector Intermateability Standard, Type MPO (Multi-fiber Push On)	Under Development

TR-42.16 Grounding and Bonding:

ANSI/TIA-607-C	Telecommunications Grounding (Earthing) and Bonding for Customer Premises	Published
Errata	Fixed typographical error in ANSI/TIA-607-C	Published
ANSI/TIA-607-C-1	Bonding in Multi-tenant Buildings	Published

IEEE 802.3 Ethernet Working Group

Most Recent Plenary Meeting: September 12 - 16, 2016 in Fort Worth, TX

Updated: March 6, 2017

Maintenance Revision of IEEE Std. 802.3-2015 Task Force:

Standard for Ethernet	Approved for Publication
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802.3 bj 100 Gb/s Backplane and Copper Cable Task Force:

Standard for Ethernet Amendment 2: Physical Layer Specifications and Management Parameters for 100 Gb/s Operation Over Backplanes and Copper Cables	Published
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802.3bk Extended EPON Task Force:

Standard for Ethernet Amendment 1: Physical Layer Specifications and Management Parameters for Extended Ethernet Passive Optical Networks	Published
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802.3bm Next Generation 40Gb/s and 100 Gb/s Optical Ethernet Task Force:		
Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for 40 Gb/s and 100 Gb/s Operation Over Fiber Optic Cables		Published
802.3bn EPON Protocol over a Coax (EPoC) PHY Task Force:		
Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for Ethernet Passive Optical Networks Protocol over Coax		Published
802.3bp 1000BASE-T1 PHY Task Force:		
Standard for Ethernet Amendment Physical Layer Specifications and Management Parameters for 1 Gb/s Operation over Fewer than Three Twisted Pair Copper Cable		Published
802.3bq 40GBASE-T Task Force:		
Physical Layer and Management Parameters for 40 Gb/s Operation, Type 40GBASE-T		Published
802.3br Interspersing Express Traffic Task Force:		
Standard for Ethernet Amendment Specification and Management Parameters for Interspersing Express Traffic		Published
802.3bs 400 Gb/s Ethernet Task Force:		
Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 400 Gb/s Operation		Circulating for Working Group ballot
802.3bt DTE Power via MDI over 4-Pair Task Force:		
Standard for Ethernet Amendment: Physical Layer and Management Parameters for DTE Power via MDI over 4-Pair		Circulating for Working Group ballot
802.3bu 1-Pair Power over Data Lines (PoDL) Task Force:		
Standard for Ethernet Amendment: Physical Layer and Management Parameters for 1-Pair Power over Data Lines		Published
802.3bv Gigabit Ethernet Over Plastic Optical Fiber Task Force:		
Standard for Ethernet Amendment: Physical Layer Specifications and Management Parameters for 1000 Mb/s Operation Over Plastic Optical Fiber		Published
802.3bw 100BASE-T1 Task Force:		
Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 25 Gb/s Operation		Published
802.3bx Revision to IEEE Std 802.3-2012 Maintenance #11 Task Force:		
Standard for Ethernet		Published

802.3by 25 Gb/s Ethernet Task Force:

Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 25 Gb/s Operation Published

802.3bz 2.5/5GBASE-T Task Force:

Standard for Ethernet Amendment: Media Access Control Parameters, Physical Layers and Management Parameters for 2.5 Gb/s and 5 Gb/s Operation Published

802.3ca 25 Gb/s, 50 Gb/s, and 100 Gb/s Ethernet Passive Optical Networks Task Force:

Physical Layer Specifications and Management Parameters for 25 Gb/s, 50 Gb/s, and 100 Gb/s Passive Optical Networks Task Force Draft under Development

P802.3cb 2.5 Gb/s and 5 Gb/s Backplane and Copper Cables Task Force:

Physical Layer Specifications and Management Parameters for 2.5 Gb/s and 5 Gb/s Operation over Backplane and Copper Cables Circulating for Working Group ballot

802.3cc 25 Gb/s Ethernet over Single-Mode Fiber Task Force:

Physical Layer and Management Parameters for Serial 25 Gb/s Ethernet Operation Over Single-Mode Fiber Circulating for Working Group ballot

802.3cd 50 Gb/s, 100 Gb/s, and 200 Gb/s Ethernet Task Force:

Media Access Control Parameters for 50 Gb/s and Physical Layers and Management Parameters for 50 Gb/s, 100 Gb/s, and 200 Gb/s Operation Circulating for Task Force Review

802.3ce Multilane Timestamping Task Force:

Corrigendum 1: Multilane Timestamping Circulating for Task Force Review

802.3cf YANG Data Model Definitions Task Force:

Standard for Ethernet YANG Data Model Definitions Task Force Draft under Development

802.3 10 Mb/s Single Twisted Pair Ethernet Study Group:

Project Authorization Request, Objectives, and 5 Criteria under development

ISO/IEC JTC 1/SC 25/WG 3 - Customer Premises Cabling

Most Recent Meeting: September 7th – September 11th, 2015 in Milan, Italy
Updated: November 30th, 2015

ISO/IEC Standards:

ISO/IEC 11801-1 Information technology – Generic cabling systems – Part 2: Generic Cabling Under Development

ISO/IEC 11801-2	Information technology – Generic cabling systems – Part 2: Generic Cabling for customer premises	Under Development
ISO/IEC 11801-3	Information technology – Generic cabling systems – Part 3: Industrial premises	Under Development
ISO/IEC 11801-4	Information technology – Generic cabling systems – Part 4: Homes	Under Development
ISO/IEC 11801-5	Information technology – Generic cabling systems – Part 5: Data centres	Under Development
ISO/IEC 11801-6	Information technology – Generic cabling systems – Part 6: Distributed Building Services	Under Development
ISO/IEC TR 11801-99-02	Information technology – Generic cabling: End-to-End Link	Under Development
ISO/IEC TR 11801-99-04	Information Guidelines - Guidelines for the use of installed cabling to support 2,5 GBASE-T and 5 GBASE-T applications	Work Item Approved
ISO/IEC 14763-2 AMD 1	Information technology – Implementation and operation of customer premises cabling - Part 2: Planning and installation – AMD for AIM	Under Development
ISO/IEC 14763-3 Ed 2.0	Information technology – Implementation and operation of customer premises cabling - Part 3: Testing of optical fibre cabling	Under Development
ISO/IEC 14763-4	Information technology – Implementation and operation of customer premises cabling - Part 4: Measurement of End-to-End (E2E) - Links	Under Development
ISO/IEC TR 17979-1-1	Information technology – Application specific cable assemblies – Twinax cable assemblies – Type 1 Cable assembly	Work Stopped by ISO – lack of progress
ISO/IEC 18598	Information technology – Automated infrastructure management (AIM) systems – Requirements, interfaces and applications	Under Development
ISO/IEC TR 29125 ED 2.0 IT	Telecommunications cabling requirements for remote powering of terminal equipment	Under Development
ISO/IEC TR 11801-99-03	Information technology – Generic cabling: Modelling of Channels and Links for Balanced Cabling	Approved for Publication
ISO/IEC 30129	Information technology - Application of equipotential bonding and earthing in buildings with information technology equipment	Approved for Publication
ISO/IEC TR 11801-99-01	Information technology – Generic cabling for customer premises: Guidance for balanced cabling in support of at least 40 GBit/s data	Published

	transmission: Parts 1 and 2	
ISO/IEC TR 29106 AMD 1	Information technology -- Generic cabling -- Introduction to the MICE environmental classification	Published
ISO/IEC 14763-3 Ed 2.0	Information technology -- Implementation and operation of customer premises cabling -- Part 3: Testing of optical fibre cabling	Published
ISO/IEC 24764 Amd 1	Information technology – Generic cabling for data centres	Published
ISO/IEC 11801 AMD 1 AMD 2	Information technology – Generic cabling for customer premises	Published
ISO/IEC 15018 AMD 1	Information technology – Generic cabling for homes	Published
ISO/IEC 24702 AMD 1	Information technology – Generic cabling – Industrial premises	Published
ISO/IEC 14763-1 AMD 1	Information technology – Implementation and operation of customer premises cabling – Part 1: Administration	Published
ISO/IEC 14763-2	Information technology – Implementation and operation of customer premises cabling – Part 2: Planning and installation	Published
ISO/IEC 14763-2-1	Information technology – Implementation and operation of customer premises cabling – Part 2-1: Planning and installation – Identifiers within administration systems	Published
ISO/IEC TR 24704	Information technology – Customer premises cabling for wireless access points	Published
ISO/IEC TR 24750	Information technology – Assessment and mitigation of installed balanced cabling channels in order to support 10GBASE-T	Published
ISO/IEC TR 29125 IT	Telecommunications cabling requirements for remote powering of terminal equipment	Published

IEC SC 48B - Connectors

Most Recent Meeting: October 2016, Germany

Updated: October, 2016

IEC 60603 Series Standards:

IEC 60603-7 am2	Connectors for electronic equipment - Part 7:	Third CD
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Ed 3.0	Detail specification for 8-way, unshielded, free and fixed connectors	04/2016
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IEC 61076 Series Standards:

IEC 61076-1 am1 Ed 2.0	Connectors for electronic equipment - Product requirements - Part 1: Generic specification	Fourth CD 11/2016
IEC 61076-3-XXX Ed. 1.0	IEC 61076-3-xxx/Ed1: Connectors for electronic equipment - Product requirements - Detail specification for 10-way, shielded, free and fixed connectors for data transmission up to 500MHz	New Work Item Proposal
IEC 61076-2-111 Ed 1.0	Connectors for electronic equipment - Product requirements - Part 2-111: Circular connectors - Detail specification for power connectors M12 with screw-locking	Estimated Publication date 10/2017
IEC 61076-3-XXX Ed. 1.0	Future IEC 61076-3-xxx Ed.1: Connectors for electronic equipment - Product requirements - Detail specification for 2-way, shielded and unshielded, free and fixed connectors for data transmission up to 600MHz with current carrying capacity	New Work Item Proposal
IEC 61076-2-113 Ed 1.0	Connectors for electronic equipment - Product requirements - Circular connectors, Detail specification for data/power connectors with M12 screw-locking	Estimated publication date 05/2017
IEC 61076-3-104 Ed 3.0	Connectors for electronic equipment - Product requirements - Part 3-104: Detail specification for 8-way, shielded free and fixed connectors for data transmissions with frequencies up to 2000 MHz	Estimated publication date 05/2017
IEC 61076-3-119 Ed. 1.0	Connectors for electronic equipment - Product requirements - Part 3-119: rectangular connectors - Detail specification for unshielded, free and fixed 10 way connectors with push-pull coupling for industrial environments with frequencies up to 100 mhz	Estimated publication date 07/2017
IEC 61076-3-120 Ed. 1.0	Connectors for electronic equipment - Product requirements - Part 3-120: Rectangular connectors - Detail	Estimated publication date 10/2016
IEC 61076-3-123 Ed. 1.0	Connectors for electronic equipment - Product requirements - Part 3-123: Rectangular connectors - Detail specification for hybrid connectors for industrial environments, for power supply and fibre optic data transmission, with push-pull locking	Estimated publication date 09/2017

IEC 61076-3-122 Ed. 1.0	Detail specification for rugged 8-way, shielded, free and fixed connectors	Estimated publication date 05/2017
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IEC 60512 Series Standards:

IEC 60512-99-002 Ed. 1.0	Connectors for electronic equipment - Tests and measurements - Part 99-002: Endurance test schedules - Test 99b: Test schedule for engaging and separating connectors under electrical load connectors	Estimated Publication date 03/2017
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IEC 60512-28-100 Ed. 2.0	Connectors for electronic equipment - Tests and measurements - Part 28-100: Signal integrity tests up to 2 000 MHz on IEC 60603-7 and IEC 61076-3 series connectors - Tests 28a to 28g	Estimated Publication date 01/2018
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BICSI

Most Recent Plenary Meeting: February 2012

Updated: April 2012

Bonding and Grounding Subcommittee:

ANSI/NECA/BICSI-607-2010	Telecommunications Bonding and Grounding Planning and Installation Methods for Commercial Buildings	Published Spanish Translation expected April 2012
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Data Center Subcommittee:

ANSI/BICSI-002-2010	Data Center Design and Implementation Best Practices	Published 2011 Next revision 2014
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NEW SUPPLEMENTAL INFORMATION – Methodology for Selecting Data Center Design Class Utilizing Performance Criteria

Electronic Safety and Security Subcommittee:

ANSI/BICSI-005	Electronic Safety and Security (ESS) System Design and Implementation Best Practices	Review Ballot Issued 3/19/2012. Results to be reviewed at 2012 Canadian Conference
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Healthcare Subcommittee:

ANSI/BICSI-004	Information Transport Systems Design and Implementation Best Practices for Healthcare Institutions and Facilities	Out for public review Results to be reviewed at 2012 Canadian Conference
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International Cabling Installation Subcommittee:

N/A

N/A

No activity at this time

K-12 Education Subcommittee:

ANSI/BICSI-001-
2009

Information Transport Systems Design Standard
for K-12 Educational Institutions

Merger of Post
Secondary
subcommittee work to
be added to 001
standard
BICSI-001 to receive
new title upon
revision

North American Cabling Installation Subcommittee:

ANSI/NECA/BICSI-
568-2006

Standard for Installing Commercial Building
Telecommunications Cabling

Published June 2006

Post Secondary Education Subcommittee:

ANSI/BICSI-003

Information Transport Systems Design and
Implementation Best Practices for Post-Secondary
Educational Institutions

Will merge with
BICSI-001

Building Information Modeling

ANSI/BICSI-006

Guide to Building Information Modeling for
Communications Infrastructure Systems

Full draft completion
expected Q#-2012