

The following table lists the current version of the TIA standards and Technical Service Bulletins managed by the TR-42 committee as of June 12, 2023. (Note: The list does not contain every document managed by the TR-42 committee.)

This is a list of standards that have been published or in the process of being published. They are available through TIA or IHS (global.ihs.com). This list does not include new standards being developed or revisions to existing standards that have not been approved for publication.

Note: An asterix (*) indicates that a new revision is being worked on.

Current Revision of TIA Standards Available		
Document Number	Document Name	Date Published
ANSI/TIA-568.0-E	GENERIC TELECOMMUNICATIONS CABLING FOR CUSTOMER PREMISES	2020
ANSI/TIA-568.0-E-1	GENERIC TELECOMMUNICATIONS CABLING FOR CUSTOMER PREMISES – ADDENDUM 1	2022
ANSI/TIA-568.1-E	COMMERCIAL BUILDING TELECOMMUNICATIONS INFRASTRUCTURE STANDARD	2020
ANSI/TIA-568.1-E-1	COMMERCIAL BUILDING TELECOMMUNICATIONS INFRASTRUCTURE STANDARD ADDENDUM 1	2022
*ANSI/TIA-568.2-D	BALANCED TWISTED-PAIR TELECOMMUNICATIONS CABLING AND COMPONENTS STANDARDS	2018
ANSI/TIA-568.2-D-1	BALANCED TWISTED-PAIR TELECOMMUNICATIONS CABLING AND COMPONENTS STANDARDS-ADDENDUM 1: BALUN REQUIREMENTS FOR CATEGORY 8 TESTING	2019
ANSI/TIA-568.2-D-2	BALANCED TWISTED-PAIR TELECOMMUNICATIONS CABLING AND COMPONENTS STANDARDS – ADDENDUM 2: POWER DELIVERY OVER BALANCED TWISTED-PAIR CABLING	2020
ANSI/TIA-568.3-E	OPTICAL FIBER CABLING COMPONENTS STANDARD	2022
ANSI/TIA-568.4-D	BROADBAND COAXIAL CABLING AND COMPONENTS STANDARD	2017
ANSI/TIA-568.5	BALANCED SINGLE TWISTED-PAIR TELECOMMUNICATIONS CABLING AND COMPONENTS STANDARD	2022
*ANSI/TIA-569-E	TELECOMMUNICATIONS PATHWAYS AND SPACES	2019
ANSI/TIA-569-E-1	TELECOMMUNICATIONS PATHWAYS AND SPACES ADDENDUM 1 – REVISED TEMPERATURE AND HUMIDITY REQUIREMENTS	2022
*ANSI/TIA-570-D	RESIDENTIAL TELECOMMUNICATIONS INFRASTRUCTURE STANDARD	2018
*ANSI/TIA-598-D	OPTICAL FIBER CABLE COLOR CODING	2014
ANSI/TIA-598-D-1	OPTICAL FIBER CABLE COLOR CODING-ADDENDUM 1, ADDITIONAL COLORS FOR ELEMENTS 13-16	2018

ANSI/TIA-598-D-2	OPTICAL FIBER CABLE COLOR CODING- ADDENDUM 2, JACKET COLOR FOR OM5 INDOOR FIBER CABLES	2018
ANSI/TIA-606-D	ADMINISTRATION STANDARD FOR TELECOMMUNICATIONS INFRASTRUCTURE	2021
*ANSI/TIA-607-D	GENERIC TELECOMMUNICATIONS BONDING AND GROUNDING (EARTHING) FOR CUSTOMER PREMISES	2019
ANSI/TIA-607-D Addendum 1	GENERIC TELECOMMUNICATIONS BONDING & GROUNDING (EARTHING) FOR CUSTOMER PREMISES-ADDENDUM 1	2021
*ANSI/TIA-758-B	CUSTOMER-OWNED OUTSIDE PLANT TELECOMMUNICATIONS INFRASTRUCTURE STANDARD	2012
ANSI/TIA-862-C	BUILDING AUTOMATION SYSTEMS CABLING STANDARD	2022
*ANSI/TIA-942-B	TELECOMMUNICATIONS INFRASTRUCTURE STANDARD FOR DATA CENTERS	07/12/17
*ANSI/TIA-1005-A	TELECOMMUNICATIONS INFRASTRUCTURE STANDARD FOR INDUSTRIAL PREMISES	2020 (reaffirmed)
ANSI/TIA-1005-A-1	TELECOMMUNICATIONS INFRASTRUCTURE STANDARD FOR INDUSTRIAL PREMISES ADDENDUM 1: M12.8X – CODING CONNECTOR	2015
ANSI/TIA-1152-A	REQUIREMENTS FOR FIELD TEST INSTRUMENTS AND MEASUREMENTS FOR BALANCED TWISTED-PAIR CABLING	2016
ANSI/TIA-1179-B	HEALTHCARE FACILITY TELECOMMUNICATIONS INFRASTRUCTURE STANDARD	Publication Approved June 2023
ANSI/TIA-4966-A	TELECOMMUNICATIONS INFRASTRUCTURE STANDARD FOR EDUCATIONAL FACILITIES	2022
ANSI/TIA-4966-1	TELECOMMUNICATIONS INFRASTRUCTURE STANDARD FOR EDUCATIONAL FACILITIES ADDENDUM 1: UPDATED REFERENCES, ACCOMMODATION OF NEW MEDIA TYPES	2022
*ANSI/TIA-5017	TELECOMMUNICATIONS PHYSICAL NETWORK SECURITY STANDARD	2016
ANSI/TIA-5048	AUTOMATED INFRASTRUCTURE MANAGEMENT (AIM) SYSTEMS- REQUIREMENTS, DATA EXCHANGE AND APPLICATIONS	2022 (reaffirmed)
ANSI/TIA-5048-1	AUTOMATED INFRASTRUCTURE MANAGEMENT (AIM) SYSTEMS- REQUIREMENTS, DATA EXCHANGE AND APPLICATIONS – ADDENDUM 1	2022 (reaffirmed)

The following are TIA Technical Service Bulletins (TSBs) that provide guidance on installation & design best practices, mitigation techniques, etc. on a variety of topics.

TIA TSB-155-A	GUIDELINES FOR THE ASSESSMENT AND MITIGATION OF INSTALLED CATEGORY 6 CABLING TO SUPPORT 10GBASE-T	2014 (reaffirmed)
TIA TSB-162-B	TELECOMMUNICATIONS CABLING GUIDELINES FOR WIRELESS ACCESS POINTS	2020
TIA TSB-184-A	GUIDELINES FOR SUPPORTING POWER DELIVERY OVER BALANCED TWISTED-PAIR CABLING	2017
TIA TSB-184-A-1	GUIDELINES FOR SUPPORTING POWER DELIVERY OVER BALANCED TWISTED-PAIR CABLING ADDENDUWG 1: USE OF 28 AWG CORDS	2/19
TIA TSB-185	ENVIRONMENTAL CLASSIFICATION (MICE) TUTORIAL	2021 (reaffirmed)
TIA TSB-190	GUIDELINES ON SHARED PATHWAYS AND SHARED SHEATHS	2018 (reaffirmed)
TIA TSB-5018	STRUCTURED CABLING INFRASTRUCTURE GUIDELINES TO SUPPORT DISTRIBUTED ANTENNA SYSTEMS	2021 (reaffirmed)
TIA TSB-5019	HIGH PERFORMANCE STRUCTURED CABLING USE CASES FOR DATA CENTERS AND OTHER PREMISES	2015
TIA TSB-5021	GUIDELINES FOR THE USE OF INSTALLED CATEGORY 5E AND CATEGORY 6 CABLING TO SUPPORT 2.5GBASE-T AND 5GBASE-T	2017
TIA TSB-5069	OPTICAL FIBER CHANNEL POLARITY- DUPLEX, SINGLE AND DUAL ROW FIBER	2020

* New revisions being worked on



The following is a list of documents being worked on or developed. These documents may be a new revision of an existing standard, a new addendum to an existing standard, or new standard being created. Several of these are in the early process of standards development. This is for information only and **SHOULD NOT** be referenced in specifications until they are published.

New TIA Standards Being Developed (for information only)		
Document Number	Document Name	Status
ANSI/TIA-568.2-E	BALANCED TWISTED-PAIR TELECOMMUNICATIONS CABLING AND COMPONENTS STANDARDS	Recirculation Ballot
ANSI/TIA-568.3-E-1	OPTICAL FIBER CABLING COMPONENTS STANDARD ADDENDUM 1	Draft
ANSI/TIA-568.5-1	BALANCED SINGLE TWISTED-PAIR TELECOMMUNICATIONS CABLING AND COMPONENTS STANDARD: ADDENDUM 1	Recirculation Ballot
ANSI/TIA-568.7	INDUSTRIAL SINGLE PAIR ETHERNET	Ballot
ANSI/TIA-569-F	TELECOMMUNICATIONS PATHWAYS AND SPACES	Draft
ANSI/TIA-570-E	RESIDENTIAL TELECOMMUNICATIONS INFRASTRUCTURE STANDARD	Recirculation Ballot
ANSI/TIA-598-E	OPTICAL FIBER CABLE COLOR CODING	Work in progress
ANSI/TIA-607-E	GENERIC TELECOMMUNICATIONS BONDING & GROUNDING (EARTHING) FOR CUSTOMER PREMISES	Recirculation Ballot
ANSI/TIA-758-C	CUSTOMER-OWNED OUTSIDE PLANT TELECOMMUNICATIONS INFRASTRUCTURE STANDARD	Limited Recirculation Ballot
ANSI/TIA-942-C	TELECOMMUNICATIONS INFRASTRUCTURE STANDARD FOR DATA CENTERS – ADDENDUM 1 EDGE DATA CENTERS	Limited Recirculation Ballot
ANSI/TIA-1005-B	TELECOMMUNICATIONS INFRASTRUCTURE STANDARD FOR INDUSTRIAL PREMISES	Recirculation Ballot
ANSI/TIA-5017-A	TELECOMMUNICATIONS PHYSICAL NETWORK SECURITY STANDARD	Committee Ballot
TIA TSB-184-A-2	GUIDELINES FOR SUPPORTING POWER DELIVERY OVER BALANCED TWISTED-PAIR CABLING ADDENDUM 2: POWER DELIVERY OVER SINGLE-PAIR	On hold pending ANSI/TIA-568.5-1