

## Guide to TIA Industry Standards: Active Infrastructure Standards

Area	Document Type	Document identification	Ballot identification dates	Sub-committee	Description
Commercial Building Telecommunications Cabling	STANDARD	"TIA/EIA-568-B"	SP-4425 (B.1) SP-4426 (B.2) May 2001 SP-3894 (B.3) April 2000	TR-42	"TIA/EIA-568-B" now consists of TIA/EIA-568-B.1 TIA/EIA-568-B.2 TIA/EIA-568-B.3
	STANDARD	TIA/EIA-568-B.1	SP-4425-B May 2001	TR-42.1	"premises cabling" includes 568A parts, TSBs 67, 72, 75, etc. see below
	Errata	TIA/EIA-568-B.1	SP-4425-B-1 corrected 568B.1 re-published August 2001	TR-42.1	Correction to figure, channel test configuration
	Addendum	TIA/EIA-568-B.1-1	SP-3-4425-AD1 May 2001	TR-42.1	Bend radius UTP 4pr = 6mm ScTP 4pr = 50mm
	Addendum	TIA-568-B.1-2	SP-3-4425-AD2 February 2003	TR-42.1	Grounding and bonding of horizontal screened cabling
	Addendum	TIA-568-B.1-3	SP-3-4425-AD3 February 2003	TR-42.1	Supportable distances for optical fiber cabling: additions to Annex E
	Addendum	TIA-568-B.1-4	SP-3-4425-AD4 February 2003	TR-42.1	New recognized media: add cat6 and new 50/125 MMOF
	Addendum	TIA-568-B.1-5	SP-3-4425-AD5 March 2004	TR-42.1	Cabling requirements for TE implementation
	Addendum	TIA/EIA-568-B.1-7	SP-3-4425-AD7 December 2005	TR-42.1 (TR42.8)	Optical fiber array connector polarity
	TSB	TIA-TSB-153	PN-3-0127 November 2003	TR-42.1	ESD guidelines
	TSB	TIA-TSB-162	PN-3-0205 draft June 2005	TR-42.1	Wireless access point implementation
Data Center Cabling	STANDARD	TIA-942	SP-3-0092-C April 2005	TR-42.1.1	Spaces and pathways, cabling, and channels for data centers

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Building Automation Systems	STANDARD	TIA/EIA-862	SP-3-4655 April 2002	TR-42.1	"BAS": Using cat5e UTP cabling for Building Automation Systems (security and control)
Telecommunications Copper Cabling Components	STANDARD	TIA/EIA-568-B.2	SP-4426-B-1 May 2001	TR-42.7	"Copper cabling" components, includes 568A parts, TSB 95, addenda 1-5 see below Further defines cat5e
	Addendum CAT6	TIA/EIA-568-B.2-1	SP-3-3727-AD1 June 2002	TR-42.7	Cat6 cabling includes "draft 11" + default ballot
	Addendum	TIA/EIA-568-B.2-2	SP-3-4426-AD2 December 2001	TR-42.7	4pr allowed in backbone, correction: cat3 connector NEXT
	Addendum	TIA/EIA-568-B.2-3	SP-3-4426-AD3 March 2002	TR-42.7	"3dB" rule, if IL<3dB then RL excused: made explicit
	Addendum	TIA/EIA-568-B.2-4	SP-3-4426-AD4 June 2002	TR-42.7	IDC/IPC connector reference specifications to IEC 60352
	Addendum	TIA-568-B.2-5	SP-3-4426-AD5 January 2003	TR-42.7	Errata: clause D references
	Addendum	TIA-568-B.2-6	SP-3-4426-AD6 December 2003	TR-42.7	Cat6 component test procedures refinements includes item from B.2-1 final default
	Addendum	TIA-568-B.2-11	PN-3-4426-AD11 December 2005	TR-42.7	Cat6 cable diameter increase, to <9mm
	TSB	TIA-TSB-155	PN-3-0134 March 2007	TR-42.7	Balanced cabling performance and alien crosstalk guidelines up to 500 MHz for cat 6 10GBASE-T
Telecommunications Optical Fiber Cabling Components	STANDARD	TIA/EIA-568-B.3	SP-3894-A April 2000	TR-42.8	"OF cabling" includes 568A parts Defines 62.5/125 = 160/500 50/125 = 500/500

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	Addendum 50/125: 2000MHz-km EMB	TIA/EIA-568-B.3-1	SP-3-3894-AD1-A May 2002	TR-42.8	Next generation MMOF 50/125 = 1500/500 laser optimized 850 TIA/EIA-492AAAC see below
	TSB	TIA-TSB-125	SP-4890 June 2001	TR-42.8	Duplex connector maintaining polarity using reverse pair positioning
	TSB	TIA-TSB-140	SP-3-0063 February 2004	TR-42.8	OF Field test guidelines
Commercial Building Telecommunications Pathways and Spaces	STANDARD	TIA-569-B	SP-3-4817-RV2 October 2004	TR-42.3	Revision of 569
Telecommunications Infrastructure Administration	STANDARD	TIA/EIA-606-A	SP-3-4156 February 2003	TR-42.6	Revision of 606 added 4 classes
Grounding and Bonding Requirements for Telecommunications	STANDARD	J-STD-607-A	SP-3-4351 October 2002	TR-41.7	Revision of 607
Residential telecommunications infrastructure	STANDARD revision	TIA-570-B	SP-3-3490-RV2 April 2004	TR-42.2	Revision of 570A includes 3 addenda plus additional (including minimal OF and coax)
Residential telecommunications infrastructure	STANDARD revision	TIA-570-B	SP-3-3490-RV2 April 2004	TR-42.2	Revision of 570A includes 3 addenda plus additional (including minimal OF and coax)
Outside plant telecommunications infrastructure	STANDARD revision	TIA-758-A	SP-3-3339-RV2 August 2004	TR-42.4	Revision of 758 includes 1 addendum plus additional
Telecommunications infrastructure terms	Library	Glossary	Ongoing	TR-42.5	common terminology
Telecommunications infrastructure terms	Library	Symbols	Ongoing	TR-42.5	common symbols
Telecommunications infrastructure terms	Library	Metrification	Ongoing	TR-42.5	Metric conversion