



WEB BSR-9 FORM: American National Standard (ANS) Formal Submittal Checklist

Please Note

This is a record of the submittal made on 2022-02-11 4:49 pm EST. Adoptions of ISO or IEC standards require compliance with ANSI's Sales & Exploitation Policy.

Project Information

1. Designation of Proposed ANS (Do not include "ANSI" in the designation of a proposed ANS. Do include the year that is to be part of the designation if other than the current year. See 4.4):*

TIA-568.5

1a. Year that should be included in the designation, if other than the year of approval as an ANS:

2. Title of Standard:* Single balanced twisted-pair cabling and components standard.

3. Project Intent (relates to the status of the standard in terms of ANSI process only, e.g., any standard that is not an approved ANS is a new standard and the project intent would be "Create new ANS"):*

Create new ANS

Consensus Group Information

Select Consensus Ballot*

Approval of TIA-568.5 Default Ballot

4. Attach consensus body roster including interest category of each member, how each member voted and a summary thereof. (See 4.2.1.1):*

Voting Details

Company	Voter Name	Vote	Interest Category	Time (UTC)
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Company	Voter Name	Vote	Interest Category	Time (UTC)
AEM International, Ltd.	Patel, Arvind (Pri)	Affirmative	Producer	2021-12-14 00:54:00
Anixter Inc.	Jimenez, Andrew (Pri)	Affirmative	User	2021-12-13 15:43:00
Capitoline Ltd.	Elliott, Barry (Pri)	Affirmative	General Interest	2021-10-15 08:27:00
Condumex SA de CV	Banos, Jorge (Pri)	Affirmative	User	2021-12-08 23:34:00
CORD DATA	Hess, David (Pri)	Affirmative	General Interest	2021-12-13 18:51:00
Fluke Networks	Winston, William (Alt)	Affirmative	User	2021-12-01 22:00:00
Harger, Inc.	Emplit, Raymond (Pri)	Affirmative	General Interest	2021-10-15 18:18:00
HARTING Inc. of North America	Schmidt, Rainer (Alt)	Affirmative	User	2021-12-10 17:20:00
Hubbell Inc.	Savi, Olindo (Pri)	Affirmative	General Interest	2021-10-18 12:42:00
J&M Consultants, Inc.	Jew, Jonathan (Pri)	Affirmative	General Interest	2021-10-14 15:24:00
Leviton Network Solutions	Harpel, Todd (Alt)	Affirmative	Producer	2021-12-13 18:20:00
METZ CONNECT USA Inc.	Dold, Roland (Pri)	Affirmative	General Interest	2021-10-18 10:55:00
Molex Inc.	Woodman, Brad (Pri)	Affirmative	Producer	2021-12-08 22:50:00
OFS	Sandels, Greg (Alt)	Affirmative	User	2021-12-13 15:21:00

Company	Voter Name	Vote	Interest Category	Time (UTC)
Optical Cable Corporation	Stikeleather, Derrick (Pri)	Affirmative	Producer	2021-12-10 19:18:00
Panduit Corporation	Lenz, Sean (Alt)	Affirmative	Producer	2021-12-13 20:26:00
Phoenix Contact	McClusky, Paul (Pri)	Affirmative	General Interest	2021-10-14 15:40:00
Prysmian Group	Thwaites, Steve (Pri)	Affirmative	Producer	2021-12-06 12:57:00
Reichle & De-Massari, AG	Ahmed, Adnan (Pri)	Affirmative	General Interest	2021-12-10 22:36:00
Rockwell Automation	Jones, Cameron (Pri)	Affirmative	User	2021-12-13 16:52:00
Softing Singapore Pte Ltd	Harrison, Simon (Pri)	Affirmative	Producer	2021-12-12 15:29:00
UL, LLC	Tassone, Anthony (Pri)	Affirmative	User	2021-12-06 12:23:00
Vericom Global Solutions	Waqas, A. S. (Pri)	Affirmative	Producer	2021-12-13 02:31:00
AESA SA	Dardel, Boris (Pri)	Abstain	User	2021-12-10 15:31:00
AFL Hyperscale	Manley, Paul (Pri)	Abstain	General Interest	2021-10-15 12:19:00
CABLExpress	Dallmann, Rick (Pri)	Abstain	General Interest	2021-12-08 15:22:00
Corning Incorporated	Kozischek, David (Pri)	Abstain	General Interest	2021-12-13 18:36:00
Dan-Chief Technology Co., Ltd.	Chiou, Dachen (Pri)	Abstain	Producer	2021-12-03 05:25:00

Company	Voter Name	Vote	Interest Category	Time (UTC)
Furukawa Electric Latam	Kuniyoshi, Cristina (Pri)	Abstain	Producer	2021-10-15 14:22:00
Hitachi Cable America, Inc.	Garza, Eduardo (Pri)	Abstain	Producer	2021-12-13 20:04:00
KITCO Fiber Optics	Morris, Dan (Pri)	Abstain	User	2021-12-08 19:13:00
NetGemini, Inc.	Hiraoka, Ryosuke (Pri)	Abstain	User	2021-12-09 00:38:00
NIS	Forbes, Diane (Pri)	Abstain	General Interest	2021-12-10 16:41:00
nVent/CADDY	Judson, Ward (Pri)	Abstain	Producer	2021-10-14 15:45:00
Sentinel Connector Systems	Jeskey, David (Pri)	Abstain	Producer	2021-12-13 15:40:00
Stewart Connectors/Bel Group	Ellis, Mark (Pri)	Abstain	General Interest	2021-10-14 15:40:00
Surtec America	Pickles, Tim (Pri)	Abstain	Producer	2021-10-18 14:53:00
Telegartner Inc.	Ehredt, Allen (Pri)	Abstain	Producer	2021-10-14 18:52:00
Vaden Enterprises LLC	Vaden, Sterling (Pri)	Abstain	General Interest	2021-12-13 22:48:00
Belden	Shuman, Brian (Pri)	--	Producer	--
Berk-Tek, A Nexans Company	Good, Mike (Alt)	--	General Interest	--
Chemours	Dawson, Fred (Pri)	--	Producer	--
Cisco Systems, Inc.	Jones, Peter (Pri)	--	Producer	--
CME Consulting, Inc.	Zimmerman, George (Pri)	--	General Interest	--

Company	Voter Name	Vote	Interest Category	Time (UTC)
CNet Training	Chambal, Melissa J. (Pri)	--	General Interest	--
CommScope Holdings, Inc.	Larsen, Wayne (Pri)	--	Producer	--
Datacom Standards Consulting	Jones, Richard (Pri)	--	General Interest	--
Fibernet Ltd	Malka, eric (Pri)	--	Producer	--
General Cable	Fausz, David (Alt)	--	Producer	--
Global Data Center Engineering KK	Payton, Scott (Pri)	--	User	--
Huber+Suhner AG	Schmalzigaug, Thomas (Pri)	--	General Interest	--
Intertek Testing Services	Pelletier, Antoine (Pri)	--	General Interest	--
JC Electronics	Aoto, Masakazu (Pri)	--	Producer	--
Legrand	Aekins, Robert (Pri)	--	Producer	--
MC Communications	Diminico, Christopher (Pri)	--	User	--
Quabbin Wire & Cable Co., Inc.	Rivernider, Jim (Pri)	--	Producer	--
Sterlite Technologies Ltd	KHAN, MOHAMMAD SHAHID (Pri)	--	Producer	--
Superior Essex International LP	Born, Steve (Pri)	--	Producer	--
The Siemon Company	Celella, Brian (Pri)	--	Producer	--
Total Cable Solutions	Hodson, Tom (Pri)	--	User	--
Trend Networks	Barrera, Dan (Pri)	--	Producer	--
Viavi Solutions	Gastle, Ed (Pri)	--	General Interest	--





Company	Voter Name	Vote	Interest Category	Time (UTC)
Wirewerks	Saab, Nicolas (Pri)	--	Producer	--
Wonderful Hi-Tech	Chang, Jimmy (Alt)	--	General Interest	--

5. Identify the consensus body, which is the group that approved the content of the standard and whose vote demonstrates evidence of consensus and is included in item 12 below (See 1.0):*

TR-42.7 Telecommunications Copper Cabling Systems

6. Balance: Note that evidence of targeted outreach to underrepresented interest categories is required as part of this BSR-9, if the consensus body appears to lack balance in accordance with the ASD's balance provisions and the ANSI Essential Requirements. (See 1.3, 2.3):*

Excerpt the balance provision as it appears in your organization's accredited procedures here:

 TIA's Balance Provision.docx	(Document)	2022-02-11
 42.7_TIA-568.5_Outreach_Press Release_Project Initiation.pdf	(Document)	2022-02-11
 42.7_TIA-568.5_Outreach_LinkedIN_TIA Staff__Project Initiation.pdf	(Document)	2022-02-11
 42.7_TIA-568.5_Outreach_Press Release_Cabling Installation & Maintenance_Project Initiation.pdf	(Document)	2022-02-11
Attach Evidence		

- ☒ Check here to confirm that the balance provision in your organization's accredited procedures has been satisfied. (If not, please review next option.)
- ☐ Check here to confirm that, if the consensus body does not appear balanced in accordance with your organization's accredited procedures, evidence of targeted outreach to underrepresented interest categories is attached to this BSR-9.

Attach Evidence

Public Notice

7. PINS: In response to the PINS announcement, were any comments received asserting that this proposed standard duplicates or conflicts with an existing ANS or candidate ANS previously announced in Standards Actions? (See 2.5.1):

☐ Yes ☐ No ☒ Not Applicable because a PINS was not required

If yes, please attach evidence here to indicate that a PINS Deliberation was held and a copy of the PINS Deliberation Report is attached. If a PINS Deliberation was required but not held, please explain.

Attach Evidence

8. Unresolved Objections from public review (See Q12 to report unresolved consensus body votes): Are there any remaining unresolved public review comments that were submitted in response to an ANSI Standards Action public review announcement? (See 2.5.2 and 2.6) If yes, answer both questions below; if no, proceed to question 9: *

☒ Please state the number of public commenters (individuals, organizations, etc.) that remain unresolved (do not include a count of the number of comments and do not include unresolved votes of consensus body members here unless the member also submitted public review comments):

0

Attach Evidence

9. Recirculation date(s): Record the date(s) on which: (1) unresolved objections (including both unresolved public review comments and unresolved negative consensus body votes); (2) related attempts at resolution; and (3) any substantive changes, were provided to the entire consensus body for consideration and vote. (See 2.6 and 2.7): *

☐ Recirculation was not required because there were no unresolved public review comments or unresolved negative votes, and no substantive changes were made to the standard after public review in Standards Action.

☐ Recirculation was required and evidence of the recirculation(s) (e.g., ballot cover letter) is attached. List the date(s) of recirculation(s):

Attach Evidence

10. Appeals and related evidence: Was each unresolved public commenter and unresolved negative voter informed in writing of the right to file a procedural appeal with the standards developer? (See 2.7 and 2.8) *

☒ Not applicable because no unresolved objections exist
☐ Notice of the right to appeal was sent to all unresolved objectors (unresolved public commenters and unresolved negative consensus body voters) and evidence is attached.

There were no unresolved public and/or negative comments.

Attach Evidence

- ☐ The following participants concluded the appeals process at the standards developer level and a copy of each appeals decision is attached (provide name, affiliation and contact information for each):

Consensus Ballot

11. Date final consensus body vote closed (i.e., date the final vote or final recirculation ballot was closed):

Monday, 13 December 2021 @ 11:59 pm EST

12. Summary of Consensus Body Vote, i.e., the FINAL consensus body vote tally (if one or more recirculation votes were required, then the vote to report here is the final reconciled vote tally.) (See 2.7)

Voting Summary by Interest Category

Interest Category	Affirmative	Negative w/ Comment	Negative w/o Comment	Abstain	Not Returned	Total
General Interest	8	0	0	6	13	21 (32.813 %)
Producer	8	0	0	7	17	30 (46.875 %)
User	7	0	0	3	5	13 (20.313 %)
Total	23	0	0	16	25	64 (100%)

13. Numerical consensus: Excerpt here the applicable numerical requirement for consensus exactly as it appears in your organization's accredited procedures. (Note: please do not provide actual calculations, just the excerpted text): *

more than half of those casting ballots (excluding abstentions) are required to vote in the affirmative and more than half of registered voters must return a ballot.

- ☒ Check here to certify that these requirements have been satisfied.

14. Publication of an ANS is required within 6 months of the date of its approval as an ANS. To request that ANSI provide publication services, please contact the ANSI Publications Department. (See 4.5)

- ☐ 15. Check here if statements from patent holders (patent letters of assurance - LOA) have been received regarding this proposed ANS.

A copy of all such statements indicating that the patent holder is willing to license essential patent claims in accordance with the terms of the ANSI and ASD Patent Policies shall be made publicly available, but need not be attached to this BSR-9, unless the ASD elects to have ANSI publish the LOA to ANSI's LOA repository.

- ☐ Check here if such patent letters of assurance are attached because you are asking ANSI to post these on ANSI's LOA repository.

Attach Evidence

A copy of all statements indicating that the patent holder is unwilling to license essential patent claims in accordance with the ANSI and ASD Patent Policies must be attached to this BSR-9. *

- ☐ Check here if such patent letters of assurance were received by your organization.
- ☐ Check here to indicate that such patent letters of assurance are attached, along with an explanation as to why the ASD believes the proposed ANS meets the ANSI Patent Policy.

16. Certification Statement: Please read and confirm compliance before signing and submitting to ANSI. *

I hereby declare the ANSI criteria for approval/withdrawal have been met and that the proposed ANS was acted on in accordance with section 4.2.1.1 Criteria for approval of an American National Standard and the following criteria, and that evidence to this effect is enclosed or otherwise available for inspection:

- That due process requirements were met.
- That the standard is within the scope previously registered with ANSI.
- That any identified conflict with another American National Standard was addressed in accordance with the requirements set-forth in the ANSI Essential Requirements.
- That other known national standards were examined with regard to harmonization and duplication of content; if duplication exists, there is a compelling need for the standard.
- That unresolved objectors have been notified in writing of their right to file a procedural appeal to the standards developer and that all such appeals to the standards developer were completed.
- That any known unresolved objection as defined in the ANSI Essential Requirements to the approval/withdrawal of this standard as an American National Standard is documented herein.
- That no substantive changes have been made since the draft standard was last listed in Standards Action.
- That we agree to comply fully with the ANSI Patent Policy and that any assurances received from patent holders comply with ANSI's (and the ASD's) Patent Policy. (See 3.1)
- That any patent holder's statements we received for this proposed ANS have been made publicly available either on our website or will be made available on ANSI's LOA repository. (See 15 above.)
- That any patent holder's statements we received indicating the patent holder is unwilling to license essential patent claims have been provided with this BSR-9 form.
- That we agree to comply with the Commercial Terms and Conditions provision contained in the ANSI Essential Requirements.

I agree that the evidence supporting any statement in this submittal or its attachments will be furnished to ANSI immediately upon request at any time and for any reason, including as a result of an audit or third-party appeal.

If it develops that misstatements of fact have been made in connection with this submittal, I understand that the standard in question is subject to withdrawal with appropriate public notice with reasons therefor. Furthermore, I understand that our organization may be subject to disqualification for a period of time or withdrawal of accreditation for improper submission of a standard to the ANSI Board of Standards Review.

Our organization agrees to maintain the American National Standard by reaffirmation, revision, or withdrawal within five years of the date of ANSI approval.

Submitter's name and contact information:*

Teesha Jenkins

Title:*

Manager, Standards Secretariat Services

Accredited Standards Developer:*

TIA

Address: *

1310 N. Courthouse Road

City:*

Arlington

State:*

Virginia

Zip:*

22201

Email/Signature*

tjenkins@tiaonline.org

Phone

17039077706

* denotes required fields

Standards Action Notification Date: