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PN-3-0324-B-1

1st Default Ballot of PN-3-0324-B, to be published as TIA TSB-184

“Guidelines for Supporting Power Delivery over Balanced Twisted-Pair Cabling”

This default ballot is a result of the comment resolution held regarding PN-3-0324-B and is limited to three (3) resolved comments that resulted in technical changes to the document and two (2) rejected technical comments. Other comments submitted to PN-3-0324-B were resolved editorially. The results of the PN-3-0324-B ballot consisted of thirteen (13) “abstain”, fourteen (14) “approve” (including one late submission), two (2) “approve with comments”, and five (5) “disapprove with comments” (including two late submissions) votes.

This default ballot is constructed in a table format with the submitter (source) of each PN-3-0324-B ballot comment included in the “ID” column for each row. Each comment within this default ballot corresponds to the location within the PN-3-0324-B ballot document (page, clause, line).

For the purpose of this default ballot, the resolution to the submitter’s comment that was reached by the Subcommittee should be considered in your vote and comment. For example:

- If you agree with the resolution to these items, your vote would be “yes”, or
- if you agree with the resolution, but have comments to the resolution, your vote would be “yes with comments” and include specific proposed changes along with rationale, or
- if you disagree with the resolution, your vote would be “disapprove with comments” and include specific proposed changes along with rationale.

PN-3-0324-B, 1st Default Ballot

Comments Resolution (Unresolved TN) on PN-3-0324-B <<to be published as TIA TSB-184>>, Guidelines for Supporting Power Delivery over Balanced Twisted-Pair Cabling

E: editorial, T: technical, TN: technical no vote issue

Please do not re-size table

ID: Company with comment # (do not automate comment #)

Page	Line	Clause	E/T/T N	ID	Comment (rationale)	Proposed change (specific; add, delete. From-to)	Resolution
3	198	5	T	CS05	Need to strengthen this statement with a reference and also indicate that cat5e is the minimum	From: Remote powering should be implemented using 4-pair balanced cabling. To: Remote powering should be implemented using category 5e or better 4-pair balanced twisted-pair cabling as specified in ANSI/TIA-568-C.2	TR-42.7: Accept with edits as shown
7	273	8.2	T	ADCK-022	If any components are changed or replaced then the transmission performance will always change.	Change "may be" To "is".	TR-42.7: Reject. No consensus for change.
11	362	A.5	T	ADCK-044	Consistency. Remote power is delivered, not current.	Change "current" To "remote power".	TR-42.7: Reject. No consensus for change.
13	397	A.5.2	T	CS08	Heat transfer coefficient between one material and another (copper to PVC or insulation to jacket materials) is an important thermodynamic parameter in heat dissipation	Add: Improved heat transfer coefficient between materials	TR-42.7: Accept with edits as shown
13	397	A.5.2	T	CS09	Heat transfer coefficient between one material and another is an important thermodynamic parameter in heat dissipation	Add: Improved heat transfer coefficient between cable jacket and air	TR-42.7: Accept with edits as shown