



ISO/IEC JTC 1/SC 25/WG 3 N 755

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ISO/IEC JTC 1/SC 25/WG 3
Customer Premises Cabling
Secretariat: Germany (DIN)

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PROJECT: 25.03.02.xx: Generic cabling for customer premises
STATUS: SC 25/WG 3 N 753 will be distributed for internal review by the WG 3 soon, an excerpt of this document, the specification of the channels, is forwarded to IEEE 802.3.
ACTION ID: FYI
DUE DATE: n/a
REQUESTED: For information
ACTION: The attached draft is forwarded to IEEE 802.3 as preliminary information, for consideration and if wished for comment.
MEDIUM: Def
No of Pages: 24 (including cover)
DISTRIBUTION:

P-Members/Experts of JTC 1/SC 25/WG 3, see N 742
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To: IEEE 802.3 Bob Grow
copy to Brad Booth, Alan Flatman
From: IEC/JTC1/SC25/WG 3 Secretariat
Date: 2005-05-17

Letter to the chairman of IEEE 802.3 on a WD for an amendment to ISO/IEC 11801:2002, Generic cabling for customer premises

Dear Bob,

since you have your meeting just before the distribution of a Draft Amendment to ISO/IEC 11801 for internal review by SC 25/WG 3 I send you an excerpt of that working draft. The channel values specified in this draft are matured to the point, where they are a fairly stable basis for your consideration, and where your comments already could be helpful.

Feel free to provide your comments.

Please note that we are only at the very early stage as how to break down the channel characteristics to minimum performance requirements for different components. Presently we are working on a mathematical model that allows to calculate the channel performance as soon as the components performance is known and put in. Presently we do not have sufficient confidence that the channel performance calculated is in line with the channel performance measured and still working on the minimum set of cabling characteristics that needs to be verified before one may be sure that also the other characteristics would be in line with the specified requirements.

Please also note, that the specification of these channels is primarily driven by the progress in component development and the objective that channels installed at a certain point of time would also support applications - developed by your committee are others - that may not be known at the time of installation.

Based on experience from the past, where we had to add characteristics like delay skew, FEXT, alien crosstalk, it would be most helpful to know, whether you foresee channel characteristics, that are not specified in this amendment but may have an impact on future applications.

Kind regards

Walter

