

Comments to 802.3bz draft 0.8

General : it says often up to 30 m, is that a length limitation? If the channel values are met it could be more. Should it not be at least 30m?

Definitions

Different definitions in ISO and TIA

Line 20 change Category to class

Line 28 change Category to class

98.5.4.3 common mode noise rejection,

there is no limit and as the cabling is shielded now measurement set up may have to be redefined

98.5.4.5.1 short reach test channel.

line 27 category wrong

98.7 Link segment characteristics

Where is the definition of IEEE link?

98.7.2.2 Differential characteristic impedance

What is this? Could be deleted is explained better in 98.7.1

98.7.2.4.4 ACR-F

Line 36 100 m reference ? Also formula 98-22

IEC draft specifies 50m, published TR 11801-9901 also 50m

TIA draft 30m

Should be left TBD for the moment

98.7.2.6 Link delay skew

50/570 ~ 9% does not match 4% resistance unbalance. Discussion needed which one is more important.

Also an ISO/IEC issue

98.7.4 Noise environment

Needs update to 40 G

98.8.1 MDI connectors

Should be called connections

Fig 98-41 is a connector ,OK

Fig 98-40 is a plug called connector also

All electrical values are still Cat6A

98.9.2 Network safety

General wording OK but use reference to nearly finished bonding TR from ISO (ISO/IEC 30129)

98.9.3 Installation and maintenance practices.

Delete wording just reference ISO installation standard (ISO/IEC 14763-2). Bonding here is wrong.