

Motions

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Straw poll

For unshielded cabling:

 4 I prefer $50-20\log(f/10)$ for TCL with floor from 0.1 to 60 MHz

 1 I prefer $40-20\log(f/10)$ for TCL with floor from 0.1 to 60 MHz

 24 Neither – not ready to decide

Straw Poll

I support putting ELTCTL requirements into the link segment
(Note that cg, 10BASE-T1L does not have an ELTCTL requirement.)

Y: 2

N: 2

Need more information (e.g., field measurements, analysis): 20

Motion #3

The dg link segment delay requirement shall be 3500 ns (note – this allows a 14 AWG cable with maximum IL to be used).

(note 10BASE-T1L used 8834ns at 1589m, so this is 630m same conditions)

Moved: Wayne Larsen

2nd: Piergiorgio Beruto

(Technical \geq 75%)

Y: 16

N: 0

A: 4 Motion Passes

Motion #4

The dg link segment shall have a requirement for DC resistance which shall be 10.7 Ohms, or 21.4 Ohms for the loop resistance.

Moved: Wayne Larsen

Motion dies for lack of a second.

Y:

N:

A:

Straw Poll

I would support a limit of (PSANEXT/PSAACR-F) of:

PSANEXT:	$50 + 5 \times N$	$0.1 < f < 10 \text{ MHz}$
	$50 + 5 \times N - 15 \times \log_{10}(f/10)$	$10 < f < 60 \text{ MHz}$

PSAACRF:	$50 + 5 \times N$	$0.1 < f < 2 \text{ MHz}$
	$36 + 5 \times N - 20 \times \log_{10}(f/10)$	$2 < f < 60 \text{ MHz}$

With N =	0	for $IL_{20} < 16 \text{ dB}$
	$0.5 \times (IL_{20} - 16)$	for $16 \leq IL_{20} < 18 \text{ dB}$
	1	for $18 \leq IL_{20} < 21 \text{ dB}$
	$1 + 0.5 \times (IL_{20} - 21)$	for $21 \leq IL_{20} < 23 \text{ dB}$
	2	for $23 \leq IL_{20} \text{ (dB)}$

Y (ready today) : 7

Need more information (e.g., Contingent on results related to the installed base support and impact on PHY complexity) : 10

N (not supporting the revised equation): 1