

≡ P802.3cn D2.1 50 Gb/s, 200 Gb/s, and 400 Gb/s over SMF 1st Working Group recirculation ballot comm

CI 122 SC 122.7 P 43 L 50 # 1

Zimmerman, George CME Consulting/ADI, Aquantia, APL Gp, BMW, Cisco

Comment Type E Comment Status X

Now that the new text all quotes particular sections, it is no longer clear for the base standard text to say "provided the channel requirements of 400GBASE-FR8 are met." It would be better to reference 122.11, as all the new references added to this paragraph do.

Same comment applies to similar paragraph in 139.6 (P75 L3)

*SuggestedRemedy*

Change "channel requirements of 400GBASE-FR8" to "channel requirements for 400GBASE-FR8 specified in 122.11"  
make similar change in 139.6 for 50GBASE-FR (specified in 139.9).

Proposed Response Response Status O

CI 122 SC 122.11a P 58 L 40 # 2

Zimmerman, George CME Consulting/ADI, Aquantia, APL Gp, BMW, Cisco

Comment Type T Comment Status X

"(over an engineered link)" has no meaning. This section spells out the requirements for interoperability. Is anything else required? If so, specify it. I think "over an engineered link" means that some adjustment may be required, which is already in the text at the end of the paragraph (Attenuators may be required...)

Same comment applies to 122.11b and 122.11c

*SuggestedRemedy*

Delete "(over an engineered link)", in first sentence of 122.11a, 122.11b, and 122.11c

Proposed Response Response Status O

CI 122 SC 122.11a P 58 L 42 # 3

Zimmerman, George CME Consulting/ADI, Aquantia, APL Gp, BMW, Cisco

Comment Type E Comment Status X

The sentence for the requirements reads confusingly (I had to read it twice). In the suggested remedy I have provided what I THINK you mean. Personally, I would have written this as a "shall" requirement, but that does not seem to be the style for clause 122.

Same comment applies to 122.11b and 122.11c.

Similar comment applies to 139.10a and 139.10b (Page 84 & 85) except that the references are 139.9 and Table 139-15

*SuggestedRemedy*

Change "provided that the fiber optic cabling (channel) characteristics for 200GBASE-LR4 given in 122.10 are met, with the exception of the maximum and minimum channel insertion loss values, which are given in Table 122-20 for the two link directions separately."  
to: "provided that the fiber optic cabling (channel) channel characteristics given in 122.10 are met, with the exception that the maximum and minimum insertion loss values for the specified direction of transmission be in the range given by Table 122-20."  
Similarly modify 122.11b, and 122.11c.

Proposed Response Response Status O

CI 00 SC 0 P 13 L 3 # 4

Kabra, Lokesh Synopsys

Comment Type E Comment Status X

Prefix of "Amendment 5 -" missing in start of paragraph like given for Amendments 1-4 given in Page 12

*SuggestedRemedy*

Insert "Amendment 5-" at the beginning of the paragraph

Proposed Response Response Status O

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CI 00 SC 0 P 13 L 8 # 5

Kabra, Lokesh

Synopsys

Comment Type E Comment Status X

Prefix of "Amendment 6 -" missing in start of paragraph

SuggestedRemedy

Insert "Amendment 6-" at the beginning of the paragraph

Proposed Response Response Status O

CI 00 SC 0 P 13 L 15 # 6

Kabra, Lokesh

Synopsys

Comment Type E Comment Status X

Prefix of "Amendment 7 -" missing in start of paragraph

SuggestedRemedy

Insert "Amendment 7-" at the beginning of the paragraph

Proposed Response Response Status O

CI 30 SC 30.5.1.1.2 P 21 L 18 # 7

Kabra, Lokesh

Synopsys

Comment Type E Comment Status X

"\*\*GBASE-ER\*" description in this section of 802.3-2018 uses the term "extended reach" in the description

SuggestedRemedy

Replace "reach" with "extended reach"

Proposed Response Response Status O

CI 30 SC 30.5.1.1.2 P 21 L 27 # 8

Kabra, Lokesh

Synopsys

Comment Type E Comment Status X

"\*\*GBASE-ER\*" description in this section of 802.3-2018 uses the term "extended reach" in the description

SuggestedRemedy

Replace "reach" with "extended reach"

Proposed Response Response Status O

CI 30 SC 30.5.1.1.2 P 21 L 36 # 9

Kabra, Lokesh

Synopsys

Comment Type E Comment Status X

"\*\*GBASE-ER\*" description in this section of 802.3-2018 uses the term "extended reach" in the description

SuggestedRemedy

Replace "reach" with "extended reach"

Proposed Response Response Status O

CI 00 SC 0 P 12 L 53 # 10

Maguire, Valerie

The Siemon Company

Comment Type E Comment Status X

802.3cg is specified for operation over a single balanced pair of conductors.

SuggestedRemedy

Replace, "operation on a single balanced pair copper cable" with "operation over a single balanced pair of conductors".

Proposed Response Response Status O