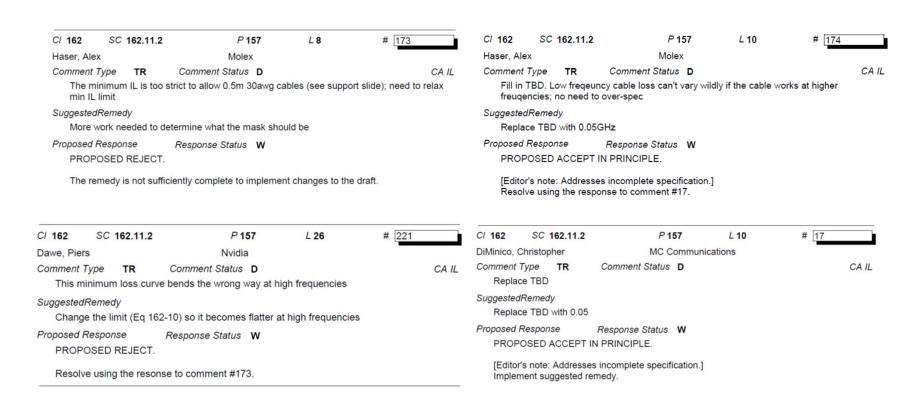
## 802.3ck D1.3 Cable Assembly min IL Comments #173, #174, #221, and #17

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## **Purpose**

- Comments #173, #221, #17
  - Cable assembly min IL shape and frequency range



## **Supporters**

Alex Haser, Molex

## **Proposal**

- Comments #173, #221, #17
  - Cable assembly min IL shape, frequency range

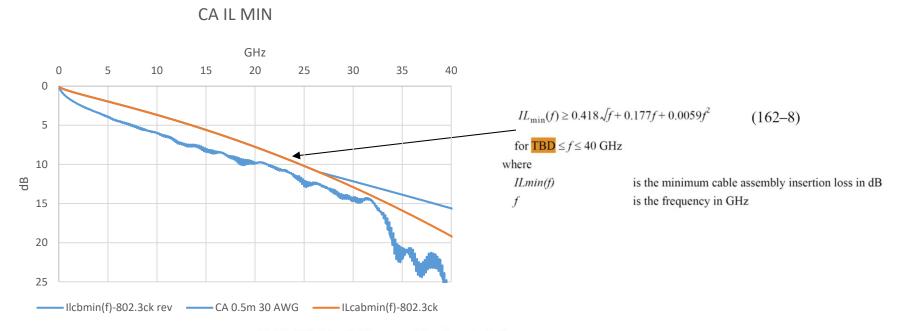


Table 162-16—Cable assembly characteristics summary

Description	Reference	Value	Unit
Maximum insertion loss at 26.56 GHz	162.11.2	19.75	dB
Minimum insertion loss at 26.56 GHz	162.11.2	11	dB

 $ILmin(f) = 0.418*SQRT(fGHz) + 0.177*fGHz + 0.0059*fGHz^2$   $0.05 GHz \le f \le 26.56 GHz$  $ILmin(f)=1.222*SQRT(fGHz)+0.138*fGHz+0.0015*fGHz^2$  26.56 GHz < f \le 40 GHz