

IEEE 802.3, HSSG WG 10 GbE

January 18, 2000

The US TAG to ISO/IEC JTC 1/SC 25/ WG 3 inquire about reaffirmation of the passive F/O connector back reflection values of -20 (multi mode) and -26 dB (singlemode fiber) specified in the ISO-11801-1995 Generic Cabling for Customer Premises Standard

Background:

- The IEEE 802.3 HSSG specifies in the PAR-5 criteria support for the fiber media selected from the second edition of ISO/IEC 11801 including work with SC25/WG3 to develop appropriate specifications for any new fiber media
- ISO/IEC 11801, International Cabling Standard, is going presently through the revision process with completion targeted for end of 2000
- The reflection values for the optical fiber passive connection's specified in the 1995 edition for both MM and SMF are -20 and -26 dB respectively
- Preliminary serial PMD proposal for HSSG¹, November '99, specifies the above reflection values in the Preliminary Budget Analysis tables (pg. 7 & 9)

¹ Proposal submitted by the following organizations: Corning, Finisar, IBM, Infineon, Lucent, Mitsubishi, Ortel, Picolight, Sumitomo, Tyco, W.L.Gore, 3M