

IEEE 802.3 Ethernet Working Group
DRAFT Liaison Communication

Source: IEEE 802.3 Working Group¹

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From: David Law Chair, IEEE 802.3 Ethernet Working Group
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Subject: Request for clarification of Effective Modal Bandwidth (EMB) at 980 nm for OM3 fibres

Dear Mr. Bouquan

To address improved reliability in the automotive environment, the current IEEE P802.3cz Multi-Gigabit Optical Automotive Ethernet Task Force baseline draft utilizes the 980 nm wavelength for transmission in the multi-gigabit automotive Ethernet link.

The task force respectfully requests that IEC TC 86 extend the informal guidance for worst case EMB to nominal 980 nm. Currently, in IEC 60793-2-10_ed.7.1 Annex E, Figures E.1, E.2 and E.3 provide estimated EMB values up to 953 nm. The IEEE 802.3cz project specifically requires extension for OM3 up to 990nm.

Sincerely,

¹ This document solely represents the views of the IEEE 802.3 Working Group, and does not necessarily represent a position of the IEEE, the IEEE Standards Association, or IEEE 802.

David Law

Chair, IEEE 802.3 Ethernet Working Group

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