



ISO/IEC JTC 1/SC 25 **N 2202**

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ISO/IEC JTC 1/SC 25
INTERCONNECTION OF INFORMATION TECHNOLOGY EQUIPMENT
Secretariat: Germany (DIN)

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TITLE: Liaison report to from ISO/IEC JTC 1/SC 25 to IEEE 802.3
on the status of standards to support parallel single
mode optical fibre cabling

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REQUESTED ACTION: To IEEE 802.3 for consideration
to SC 25 for information

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P-, L-, O-Members of SC 25,
to IEEE 802.3

ISO/IEC JOINT TECHNICAL COMMITTEE 1

SUBCOMMITTEE No.25: INTERCONNECTION OF INFORMATION TECHNOLOGY EQUIPMENT WORKING GROUP 3: CUSTOMER PREMISES CABLING

55th Meeting of WG 3
Stockholm, Sweden, 30th September to 3rd October 2013

To: David Law; Chair, IEEE 802.3 (david_law@ieee.org)
CC: Alan Flatman, Liaison between ISO/IEC JTC1/SC25 WG3 & IEEE 802.3

Liaison letter from ISO/IEC JTC1/SC 25 WG3 to IEEE 802.3 on the status of standards to support parallel single mode optical fibre cabling

In his incoming report of recent developments within IEEE 802.3, our liaison officer informs us of your interest in parallel single mode optical fibre.

ISO/IEC JTC 1/SC 25/WG 3 would like to inform IEEE 802.3 of its current standards that might be of relevance and support the existing implementations of such solutions.

ISO/IEC 24764, Information Technologies – Generic Cabling Systems for Data Centres; specifies the MPO interface for termination of more than two optical fibres at the Equipment Outlet (EO), including the use of single mode optical fibres.

ISO/IEC 14763-2, Information technology – Implementation and Operation of Customer Premises Cabling – Part 2: Planning and Installation; provides guidance on administration and polarity maintenance. Both multimode and single mode optical fibres are supported.

One of the optical component committees, IEC/SC 86B, is developing product specifications on our request to ensure connector intermateability of 12 and 24 fibre MPO connectors. IEC/SC 86A has also published recommendations for color coding of single mode and multimode optical fibre ribbons.

Further details can be provided by our IEEE 802.3 liaison officer.

Please let us know if you have any questions or specific requirements relating to this topic.

Sincerely,